Yahoo Group Archive: icomr75 (2000 — 2002)

Yahoo Group summary: This is a group for discussions and information exchange on the iCOM IC-R75 receiver.

These Yahoo Groups messages were archived in WARC format by ArchiveTeam in 2016. This PDF was generated by Digital Library of Amateur Radio & Communications from the WARC files in 2026.

Date span: 2000-10-02 through 2002-12-31, plus 13 messages with implausible archived dates

Archived timestamps before 1997-01-01 or after 2020-12-16 are flagged as implausible and excluded from the date span; their original values remain in the message headers and manifests.

Source WARC: icomr75.6ePRedX.warc.gz

Source item: https://archive.org/details/yahoo-groups-2016-10-18T15-13-59Z-259f4e

Messages included in this PDF: 3403

Message records with no body available in the source archive: 3

Messages omitted as spam from this PDF: 1

Yahoo replaced the domain portions of email addresses with @... in the archived messages. Characters lost in Yahoo's archived text appear as ?.

Messages are presented in ascending Yahoo message-ID order. Gaps indicate records absent from the source WARC or messages omitted from this PDF as spam.

1. Welcome!

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-02 09:31:20 UTC
From: Radostin Danev
Topic: 1 Message: 1

Hi everybody,

Welcome to the IC-R75 mailing list. I hope we can exchange some useful info about this very nice receiver.

Feel free to contribute to the Files and Links sections of the list.

Best regards,

Rado

2. Just uploaded a datasheet ... synch detector improvement possible?

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-02 13:04:59 UTC
From: Radostin Danev
Topic: 2 Message: 2

Welcome to the first members!

I've just uploaded the datasheet of the MC13022 - stereo AM circuit used in R75 as synchronous detector.
Maybe there are some improvements possible to the non-functioning S-AM.
What's interesting ... I found a web page:

http://user.netonecom.net/~swordman/Radio/ShortWaveRadio.htm

with this interesting info:

" ...FAR Circuits has a $5.25 board for the Sync Det in the Fall, 1994 Communications Quarterly 13-page article by Scott Prather, KB9Y entitled "A Unique Approach to AM Synchronous Detection." It uses the Motorola MC13022 AM Stereo Decoder chip, a 4066 I.C., 2 transistors and an LM311 Audio Amp I.C to drive the speaker. He says that the receiver must be very stable ..."

Could somebody find this article and see what kind of synch detector is described there? I don't have access to the "Communications Quarterly" magazine here in Japan.

Best regards,

Rado

3. I wrote to the owner of the web-page

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-02 13:21:56 UTC
From: Radostin Danev
Topic: 3 Message: 3

Hi again,

I wrote an e-mail to the owner of the web-page in my previous message asking
him to help get the article. Telling this in order to prevent everybody
sending him an e-mail about this article.

I really have some hope about the S-AM ... if nothing else it is very easy
to make the R75 receive stereo AM :-)

Best wishes,

Rado

4. Some observations

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-03 00:58:07 UTC
From: Radostin Danev
Topic: 4 Message: 4

Hi again,

Yesterday evening I've played a little with my R75. What I think is that the synch is locking properly (the IC has internal VCO) even on very weak signals. The problem is with the demodulation. It is not using a product detector?!?. The output used for S-AM is marked as "I Det." somebody has any idea what that "I" stands for? There is also a "Q out" pin ... could that be for "quadrature"?

Otherwise I'm very happy with the R75. Very smooth and open receiver. I have the FL-257 (455kHz IF 3.3kHz BW/6dB) which makes for a nice bandwidth between the 2.4 kHz and 6 kHz.
When listening to rapidly fading AM signals I find the AGC action a little bit fast. I use the "RF gain" to fix the gain and this reduces the effect of the fading.

Somebody else willing to share some experience?

Best regards,

Rado

5. r75

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-03 03:10:16 UTC
From: Gert Nilsson
Topic: 5 Message: 5

My R75 gas the 2,8 and 3,3 kHz filters. Very nice for ecss operation. I have the same experiences of the SYNC AM mode. It locks within 3,5 kHz with the 6 kz filters. Selectable sideband is possible with the PBT and 2,4 or 2,8 kHz bandwidth. However distortion is not lower in SYNC AM. Seems to be some problems with the AGC or detection.

6. Greetings

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-03 05:25:08 UTC
From: Ken
Topic: 6 Message: 6

Hi...

Just joined the group and am looking forward to it. I have an R-75 amongst others and use it mostly for utility listening. Sync isn't a factor for that :)

Ken

7. Filter calibration

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-05 11:42:12 UTC
From: Gert Nilsson
Topic: 7 Message: 7

In the Service manual to the R75 you can read about the filter calibration possibility. It is not clear what frequency should be used and what is the object of this calibration. Perhaps compensation for different attenuation in the filters or adjustment of the BFO frequencies? I need some more information because I have some plans to change the CFJ455K5 2,4 kHz filter with an old FL44A.

8. About the files section

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-06 00:48:34 UTC
From: Radostin Danev
Topic: 8 Message: 8

Hi R75-ers,

Some of you may think that the files I've uploaded in the Files section are taken from the service manual thus making the publishing illegal. This is not the case - I've taken them from the FCC website:

https://gullfoss.fcc.gov/cgi-bin/ws.exe/prod/oet/forms/reports/Search_Form.hts?mode=Edit&form=Exhibits&application_id=93475&fcc_id=AFJIC-R75

(the URL should be on one line)

So they are already made public - i.e. distributing them is not illegal.

Today I'm going to post a synch mod for the R75 making the synch really useful.

Best regards,

Rado

9. Synch mod

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-06 08:09:37 UTC
From: Radostin Danev
Topic: 9 Message: 9

OK ... after some research and experimentation here's the fix for the synch.

The problem is two fold - 1st the stereo IC used as synch detector is not implemented properly. The pin 23 (blend) is grounded in the ICOM's implementation. This puts the IC in "tuning" mode which means fast lock and fast AGC. The fast lock and AGC causes the VCO to lose lock in each fade out thus making the synch unusable. What I did was to peel off pin 23 from the PCB with the help of a very small screwdriver. Then I put the missing cap between it and ground. I used 47uF cap (in the datasheet they show 20uF) - the larger value makes for more stable operation - increases both the lock and unlock times.
The second problem is with the AGC. Maybe some of you have noticed the annoying oscillations with rapidly fading stations making the AM mode unlistenable. This comes not from the receiver's AGC (I've checked the schematic and it is identical to that of the IC-756 transceiver ... which has very nice AGC action in AM). On top of the receiver's AGC the AGC of the stereo (synch) IC (MC13022A) is added. The IC's AGC is very fast (this IC is not designed for HF operation - it is for strong stable AM BCB stations) thus distorting the AM signals during fades. The fix is to connect a large cap (I used 1000 uF) between the AGC pin (4) and ground. This effectively turns off (makes it VERY slow) the AGC of the IC. This also helps for the synch to keep lock.

After two days of use with the above modifications I can say that now the R75 is a very respectable in the AM department. Signals previously unlistenable in AM are now clean and distortion free. The synch removes the selective fading effects and with weak stations improves the signal-to-noise ratio.

I want to test the mod some more and then I'll provide more detailed explanation accompanied with pictures.

As a start you can try only the AGC mod - take a large cap (like 470 uF or more) connect one end of a wire to ground and the other end to the neg.(-) leg of the cap. Tune a rapidly fading station in AM. Touch the pin 4 of the MC13022A IC (it is a 28 leg IC to the left of the 455 kHz IF filters when the front panel is facing you) with the positive (+) leg of the cap. First the signal will disappear for a short time until the cap is charged. After that you'll get a much smoother signal than before the cap.

Best regards,

Rado

10. New URL in the links section

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-06 08:11:42 UTC
From: Radostin Danev
Topic: 10 Message: 10

Hi,

I've added a new URL to the Links section - it Gert Nilsson's DX-ing page.
He has a comparison between the R75 and R71E.

Check it out!

Rado

11. New Owner comments

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-09 11:55:48 UTC
From: jrev@ev1.net
Topic: 11 Message: 11

Just picked up an R75 at a hamfest for $325. Radio was still
in box and has low usage. Haven't finished the manual yet but have
done some listening.

This one has no DSP option installed. I may try calling Icom later
today and see if they will sell me the option at a decent price. (the
$140 price tag is hard to handle since I already have many Timewave
external filters sitting around) Any comments? Should I just use
one
of the external Timewaves or go for the internal DSP?

I should not judge yet, but I couldn't help make a few quick
comparisons to my R71A. I was surprised that the 75 seemed to be a
little more sensitive (should I have been surprised?). Of course it
had to sound better than the 71.....nothing could sound
worse.....well
almost nothing, my NRD525 is almost as bad as the R71. Of course the
real test (for me) will be how it compares to my R5000. I have found
no other radio that sells for under 1200 U.S. dollars that in
"totality" (overall...all things considered) can match an R5000 with
a
good DSP unit attached.

Thanks for this message board...and all the files! Took advantage of
them already.

12. Re: New Owner comments

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-09 14:42:47 UTC
From: Gert Nilsson
Topic: 11 Message: 12

I have the DSP option. I am not very impressed by the noise reduction, but I think the automatic notch filter is very good. Just press the button and the heterodyne disappears. It can remove several tones simultaneously. However it covers just something like 250 - 2500 Hz, frecuencies used in the audio by amateur radio stations. Other tones has to be removed by the PBT.

13. Re: [icomr75] Re: New Owner comments

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-09 14:51:31 UTC
From: Darrin
Topic: 11 Message: 13

Gert Nilsson wrote:

> I have the DSP option. I am not very impressed by the noise
> reduction, but I think the automatic notch filter is very good. Just
> press the button and the heterodyne disappears. It can remove several
> tones simultaneously. However it covers just something like 250 -
> 2500 Hz, frecuencies used in the audio by amateur radio stations.
> Other tones has to be removed by the PBT.
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com

I think the DSP works pretty well. Cuts out a little too much signal, and you can't set it very high, but it does work pretty well if set at the right level.

14. Fineware's RLDB problem

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-10 12:20:15 UTC
From: Radostin Danev
Topic: 14 Message: 14

Hi all,

I see Mark Fine has subscribed to this group so I'm going to ask this question here as the answer could benefit all the members.

First some comments:

I'm currently trying the shareware version of "Smart Icom Control" and it's working very good. It would be very nice if one can import not only the SWBC files but also something like ILG directly into it. This will make the logging a snap.
I use ILG database constantly and now my configuration is:
- GNPB software for the ILG database
- Smart Icom Control for the logging

This makes for a not so convenient setup - I look the freq. in the database then I tune the receiver (either manually or through the SIC) and then log. The logging involves entry of the station info. If the ILG was imported directly into the SIC this will become the ultimate logging system - click on the station to tune, press the log button and enter only SINPO and Notes.

The problem with the RLDB:

I tried to install it on my notebook computer at home (Win98). When I try to start it up an error message appears: something with "Socket Error" in it. I don't have network card or modem on my notebook (so no drivers and network protocols installed) - is that the problem? The RLDB software starts and works flawlessly on my NT machine at work - it has network and all. I want to use the RLDB instead of the GNPB because it can tune the R75 (but no logging ... how about logging in the final version?)

I think the Fineware's software is a very good package ... the best for R75 currently available. ... my only wish is to be able to import ILG database into SIC. (or to have logging in RLDB)

Thanks Mark for your efforts to improve the hobby!

Best regards,

Rado

P.S. I forgot that maybe most of the people use their R75's mainly for utility monitoring ... OK I'll start a poll in the Polls section.

15. New poll for icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-10 12:20:02 UTC
From: icomr75@egroups.com
Topic: 15 Message: 15

Enter your vote today! Check out the new poll for the icomr75
group:

What is your main use of the R75?

o Utility monitoring
o SWBC listening
o Both

To vote, please visit the following web page:

http://www.egroups.com/polls/icomr75

Note: Please do not reply to this message. Poll votes are
not collected via email. To vote, you must go to the eGroups
web site listed above.

Thanks!

16. New poll for icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-10 12:23:39 UTC
From: icomr75@egroups.com
Topic: 15 Message: 16

Enter your vote today! Check out the new poll for the icomr75
group:

What is the place of the IC-R75 in your
shack?

o It is my main HF receiver
o It is my secondary receiver
o It is a backup receiver

To vote, please visit the following web page:

http://www.egroups.com/polls/icomr75

Note: Please do not reply to this message. Poll votes are
not collected via email. To vote, you must go to the eGroups
web site listed above.

Thanks!

17. Polls just created - Vote!

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-10 12:29:35 UTC
From: Radostin Danev
Topic: 17 Message: 17

Hi everybody,

Please stop by the Polls section of the group and vote in the polls.

Best regards,

Rado

18. Oooops - sorry

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-10 12:31:23 UTC
From: Radostin Danev
Topic: 18 Message: 18

I didn't know that the polls are announced automatically ... sorry for the spam.

Rado

19. RE: [icomr75] Fineware's RLDB problem

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-10 14:37:52 UTC
From: Ken
Topic: 14 Message: 19

Wonder if Mark is a member here? If so, pay attention to his answer and not mine :)

I believe you're right about the problem with RLDB.. it's looking for a network socket. Although I've been able to run it on my machine without internet access. Might have to have explorer and dial up networking installed, even though you won't be using them.

Smart Icom has a fairly good database installed of english language transmissions. Granted, it doesn't address ALL of the broadcast stations, but it is fairly extensive if you keep up to date with the schedules software. Once you figure out what's going on with RLDB, you should be able to control your receiver, although it's not as complete as Smart Icom.

Good luck!

Ken

> -----Original Message-----
> From: Radostin Danev [mailto:rado@...]
> Sent: Tuesday, October 10, 2000 7:20 AM
> To: ICOM R75 mailing list
> Subject: [icomr75] Fineware's RLDB problem
>
>
> Hi all,
>
> I see Mark Fine has subscribed to this group so I'm going to ask this
> question here as the answer could benefit all the members.
>
> First some comments:
>
> I'm currently trying the shareware version of "Smart Icom
> Control" and it's
> working very good. It would be very nice if one can import not
> only the SWBC
> files but also something like ILG directly into it. This will make the
> logging a snap.
> I use ILG database constantly and now my configuration is:
> - GNPB software for the ILG database
> - Smart Icom Control for the logging
>
> This makes for a not so convenient setup - I look the freq. in
> the database
> then I tune the receiver (either manually or through the SIC) and
> then log.

> The logging involves entry of the station info. If the ILG was imported
> directly into the SIC this will become the ultimate logging system - click
> on the station to tune, press the log button and enter only SINPO
> and Notes.
>
> The problem with the RLDB:
>
> I tried to install it on my notebook computer at home (Win98).
> When I try to
> start it up an error message appears: something with "Socket
> Error" in it. I
> don't have network card or modem on my notebook (so no drivers and network
> protocols installed) - is that the problem? The RLDB software starts and
> works flawlessly on my NT machine at work - it has network and all. I want
> to use the RLDB instead of the GNPB because it can tune the R75 (but no
> logging ... how about logging in the final version?)
>
> I think the Fineware's software is a very good package ... the
> best for R75
> currently available. ... my only wish is to be able to import ILG database
> into SIC. (or to have logging in RLDB)
>
> Thanks Mark for your efforts to improve the hobby!
>
> Best regards,
>
> Rado
>
> P.S. I forgot that maybe most of the people use their R75's mainly for
> utility monitoring ... OK I'll start a poll in the Polls section.
>
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>

20. Re: [icomr75] Fineware's RLDB problem

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-10 22:01:57 UTC
From: Mark J. Fine
Topic: 14 Message: 20

> I see Mark Fine has subscribed to this group so I'm going to ask this
> question here as the answer could benefit all the members.

I can run, but I can't hide.<G>

Smart Icom Control:
> working very good. It would be very nice if one can import not only the SWBC
> files but also something like ILG directly into it. This will make the

Version 4 of all of the Smart Control series is planned to be ILG-capable, as well as include some other features that are found in RLDB. Bernd has been pretty elusive with me, so this may take some time. If anyone remembers the debacle on rec.radio.shortwave a few months ago... well... I'd rather not go there again.

Glad you're enjoying the logging feature. Sounds like you're using it exactly as it was designed.

RLDB:
> I tried to install it on my notebook computer at home (Win98). When I try to
> start it up an error message appears: something with "Socket Error" in it. I

Yes, you need some kind of internet connection set up. This has something to do with a bug within some third-party software modules that are included to handle the internet updates. I believe that if you install dial-up networking (even if you don't use it) it will then work correctly.

> Thanks Mark for your efforts to improve the hobby!

You're welcome. Likewise, good luck with the list.

73,

Mark J. Fine / mark.fine@...

Serving the Shortwave Community since 1988:
- Owner/Proprietor, FineWare: http://www.fineware-swl.com
- East Coast Monitor, Monitoring Times: http://www.grove-ent.com
- English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa
- CumbreLite Editor, Cumbre DX: http://www.cumbredx.org

21. Re: [icomr75] Fineware's RLDB problem

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-10 22:08:33 UTC
From: Mark J. Fine
Topic: 14 Message: 21

> Wonder if Mark is a member here? If so, pay attention to his answer and not
> mine :)
[..]
> internet access. Might have to have explorer and dial up networking
> installed, even though you won't be using them.

Actually, your answer beat me to the punch. It was right on the mark.

> software. Once you figure out what's going on with RLDB, you should be able
> to control your receiver, although it's not as complete as Smart Icom.

Also want to take the time to publicly thank Ken for his outstanding article in PopComm. However, I do want to take the time to point out a minor drawback in RLDB is that it expects the R-75 to use the default address of $5A, at a port rate of 19200. And while I'm bashing my own stuff: In Smart Icom, I also owe a few people a squelch control, which I hope will be included in a minor upgrade before v4.<G>

73,

Mark J. Fine / mark.fine@...

Serving the Shortwave Community since 1988:
- Owner/Proprietor, FineWare: http://www.fineware-swl.com
- East Coast Monitor, Monitoring Times: http://www.grove-ent.com
- English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa
- CumbreLite Editor, Cumbre DX: http://www.cumbredx.org

22. Re: [icomr75] Fineware's RLDB problem

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-11 00:36:37 UTC
From: Radostin Danev
Topic: 14 Message: 22

Hi Mark,

> Version 4 of all of the Smart Control series is planned to be ILG-capable,
as
> well as include some other features that are found in RLDB. Bernd has
been
> pretty elusive with me, so this may take some time. If anyone remembers
the
> debacle on rec.radio.shortwave a few months ago... well... I'd rather not
go
> there again.

That's great news! Any hint about the release time?

>
> Glad you're enjoying the logging feature. Sounds like you're using it
exactly
> as it was designed.
>

Yes, I really enjoy the logging feature - very nice done.

>
> Yes, you need some kind of internet connection set up. This has something
to
> do with a bug within some third-party software modules that are included
to
> handle the internet updates. I believe that if you install dial-up
networking
> (even if you don't use it) it will then work correctly.
>

I'll try this today. I was suspecting something like this but just last week
I've done a clean install of Win98 and didn't want to "clutter" it
unnecessarily.

Thanks for the good news and the help Mark!

Best regards,

Rado

23. RE: [icomr75] Fineware's RLDB problem

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-11 01:06:11 UTC
From: Ken
Topic: 14 Message: 23

> Actually, your answer beat me to the punch. It was right on the mark.

Once in a while we get lucky :)

>
> Also want to take the time to publicly thank Ken for his
> outstanding article
> in PopComm. However, I do want to take the time to point out a

Always a pleasure to do the good stuff :) But thanks for the thanks, or
something like that... would that be thanks squared?

> port rate of 19200. And while I'm bashing my own stuff: In Smart
> Icom, I also
> owe a few people a squelch control, which I hope will be included
> in a minor
> upgrade before v4.<G>

Wouldn't that be nice :::evil grin:::...

Need help with testing 4? :)

Good to hear there's hope on the horizon... and I'm always looking forward
to another version... I'm getting pretty good at upgrades :)

Ken

24. Re: [icomr75] Fineware's RLDB problem

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-11 02:33:19 UTC
From: Mark J. Fine
Topic: 14 Message: 24

> > Version 4 of all of the Smart Control series is planned to be ILG-capable,
[..]
> That's great news! Any hint about the release time?

A lot depends on things that I don't have much control over. For example,
working the issue with Bernd. The rest depends on the spare time to get it
done.

Version 4 is going to be a major undertaking and almost a downright re-write.
The majority of this is necessary to alleviate the "heaviness" of the code,
and to make all of the Smart series more common, interoperable and less
resource hungry.

Realize this is not really an answer, but the bottom line is that it's gonna
take a while to do it right.

73,

Mark J. Fine / mark.fine@...

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- Owner/Proprietor, FineWare: http://www.fineware-swl.com
- East Coast Monitor, Monitoring Times: http://www.grove-ent.com
- English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa
- CumbreLite Editor, Cumbre DX: http://www.cumbredx.org

25. FL-103?

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-11 03:14:41 UTC
From: Darrin99@earthlink.net
Topic: 25 Message: 25

Is it worth it to spend $100 and get a FL-103 2.8KHz filter for the R75? Will it make much difference over the 2.4KHz filter?

26. Re: Synch mod

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-11 05:06:04 UTC
From: Bruce Jensen
Topic: 9 Message: 26

--- In icomr75@egroups.com, "Radostin Danev" <rado@n...> wrote:
> OK ... after some research and experimentation here's the fix for the synch....<

Thanks, Rado - I am keen to see the fixes you are recommending (they sound like an excellent way to make this receiver first class in every respect).

Bruce Jensen

27. DSP filter question.

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-12 00:57:54 UTC
From: jrev@ev1.net
Topic: 27 Message: 27

The R75 I recently bought doesn't have the DSP filter installed. I currently use an external Timewave DSP-9 with it.

Would it be worth the expense to order the DSP for the radio or am I already using a better DSP unit? Opinions???

28. Re: FL-103?

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-12 11:52:02 UTC
From: Gert Nilsson
Topic: 25 Message: 28

I think the FL103 is a very good filter. I use it for ECSS reception of AM stations. I also have the 3,3 kHz 455 kHz filter in series with the 2,8 kHz and this is really great. The 455 kHz filter has steeper skirts. If I had to choose just one extra filter my choice would be the 2,8 kHz 455 kHz filter despite the extra cost.

29. Re: FL-103?

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-12 11:52:29 UTC
From: Gert Nilsson
Topic: 25 Message: 29

I think the FL103 is a very good filter. I use it for ECSS reception of AM stations. I also have the 3,3 kHz 455 kHz filter in series with the 2,8 kHz and this is really great. The 455 kHz filter has steeper skirts. If I had to choose just one extra filter my choice would be the 2,8 kHz 455 kHz filter despite the extra cost.

30. R75 filter question

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-14 23:34:07 UTC
From: Mark
Topic: 30 Message: 30

Hi,

I have a question about the filter settings of the R75.
I listen to broadcast stations (no UTE or amateur), and I use USB most of the time. In the normal filter settings, I set the 455 kHz. IF filter to 2.4 , and the 9 mHz IF filter to 15. This seems to work nice most of the time. But when I set both to 2.4, I notice a difference in audio between LSB and USB. LSB sounds much more 'bassy', and USB sounds more like a phone. I wonder if this is normal.

73',
Mark Veldhuis, the Netherlands.
E-mail: dx@...
http://www.markveldhuis.com
ICQ: 38955406

31. Re: [icomr75] R75 filter question

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-15 03:23:24 UTC
From: Gert Nilsson
Topic: 30 Message: 31

This is absolutely normal. You have to adjust the PBT in order to get the proper setting. The BFO is correct only for the 2,4/15 kHz choice of filters. BFO is not calibrated the same way as on the 7030!
----- Original Message -----
From: Mark
To: icomr75@egroups.com
Sent: Sunday, October 15, 2000 1:34 AM
Subject: [icomr75] R75 filter question

Hi,

I have a question about the filter settings of the R75.
I listen to broadcast stations (no UTE or amateur), and I use USB most of the time. In the normal filter settings, I set the 455 kHz. IF filter to 2.4 , and the 9 mHz IF filter to 15. This seems to work nice most of the time. But when I set both to 2.4, I notice a difference in audio between LSB and USB. LSB sounds much more 'bassy', and USB sounds more like a phone. I wonder if this is normal.

73',
Mark Veldhuis, the Netherlands.
E-mail: dx@...
http://www.markveldhuis.com
ICQ: 38955406

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To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

[Non-text portions of this message have been removed]

32. Re: Filter calibration

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-17 22:56:56 UTC
From: Michael Moore
Topic: 7 Message: 32

--- In icomr75@egroups.com, "Gert Nilsson" <gert.nilsson@m...> wrote:
> In the Service manual to the R75 you can read about the filter
> calibration possibility. It is not clear what frequency should be
> used and what is the object of this calibration. Perhaps
compensation
> for different attenuation in the filters or adjustment of the BFO
> frequencies? I need some more information because I have some plans
> to change the CFJ455K5 2,4 kHz filter with an old FL44A.

The FL44A seems to be the best choice available. Let us know how it
fits. (The CFJ455K5 sounds more like a 2.8 kHz bw filter). Do you
have any plans on swapping out the 15 kHz and 6 kHz filters? It
seems
to me that the 6 kHz (450kHz IF) filter is more like a 7-8 kHz bw and
is OK for FM. If only one could find a descent 5 (4.8?) kHz (450kHz
IF) filter to swap for the 15kHz filter.

33. Re: Filter calibration

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-18 05:55:33 UTC
From: Gert Nilsson
Topic: 7 Message: 33

--- In icomr75@egroups.com, "Michael Moore" <m.moore@u...> wrote:

>
> The FL44A seems to be the best choice available. Let us know how
it
> fits. (The CFJ455K5 sounds more like a 2.8 kHz bw filter). Do you
> have any plans on swapping out the 15 kHz and 6 kHz filters? It
> seems
> to me that the 6 kHz (450kHz IF) filter is more like a 7-8 kHz bw
and
> is OK for FM. If only one could find a descent 5 (4.8?) kHz (450kHz
> IF) filter to swap for the 15kHz filter.

I have measured the CFJ455K5 in my R75 to 2,4-2,5 kHz with a 1:1.7 shape factor. The 6kHz filter is 7,3 kHz at around 1:2. I have used the CFJ455K5 in an old R390A, with a bandwidth of 2,7 kHz filter. I am not quite sure but I think this filter is used in the AR7030 as well. I have also tried a CFS455J in my R71. A good filter with a 3,8 kHz bandwidth. But..... I can´t find a good 450 kHz for wide AM! I have the 3,3 kHz filter but I think 4-5 kHz would be good for AM/AM-S.

34. Re: Filter calibration

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-18 11:35:46 UTC
From: Michael Moore
Topic: 7 Message: 34

--- In icomr75@egroups.com, "Gert Nilsson" <gert.nilsson@m...> wrote:
> I have measured the CFJ455K5 in my R75 to 2,4-2,5 kHz with a 1:1.7
> shape factor. The 6kHz filter is 7,3 kHz at around 1:2. I have used
> the CFJ455K5 in an old R390A, with a bandwidth of 2,7 kHz filter. I
> am not quite sure but I think this filter is used in the AR7030 as
> well. I have also tried a CFS455J in my R71. A good filter with a
3,8
> kHz bandwidth. But..... I can´t find a good 450 kHz for wide AM!
I
> have the 3,3 kHz filter but I think 4-5 kHz would be good for
AM/AM-S.

The CFJ455K14 comes as stock in the AR7030 Plus. In the AR7030 Plus
that filter has a narrower bw (2.1 - 2.2) than the CFJ455K5 (2.5 -
2.7).

35. RE: [icomr75] Fineware's RLDB problem

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-18 13:50:40 UTC
From: Mark
Topic: 14 Message: 35

Hi,

> -----Original Message-----
> From: Mark J. Fine [mailto:mark.fine@...]
> Sent: Wednesday, October 11, 2000 12:09 AM
> To: icomr75@egroups.com
> Subject: Re: [icomr75] Fineware's RLDB problem

> port rate of 19200. And while I'm bashing my own stuff: In Smart
> Icom, I also owe a few people a squelch control, which I hope will
> be included in a minor upgrade before v4.<G>

Mark, will that be squelch control only, or also AF/RF control? Would be
welcome extra features...

73',
Mark Veldhuis, the Netherlands.
http://www.markveldhuis.com
ICQ: 38955406

36. Re: [icomr75] Fineware's RLDB problem

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-18 22:04:21 UTC
From: Mark J. Fine
Topic: 14 Message: 36

From: "Mark" <veldhuis@...>
> Mark, will that be squelch control only, or also AF/RF control? Would be
> welcome extra features...

If I can. I may have to add an "outboard" addition to the main program to
accommodate all the "knobs". But it can be done.

73,

Mark J. Fine / mark.fine@...

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- Owner/Proprietor, FineWare: http://www.fineware-swl.com
- East Coast Monitor, Monitoring Times: http://www.grove-ent.com
- English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa
- CumbreLite Editor, Cumbre DX: http://www.cumbredx.org

37. Icom FL-102 Filter

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-25 13:06:55 UTC
From: W. R. Hood
Topic: 37 Message: 37

Can anyone answer this question, I haven't checked the manual, yet. But, I feel that the other R-75 users have a better reference than the manual. Will the FL-102 plug into the 9 MHz socket and will the setup accept this filter in the program? I am considering a pair when I can afford them; the FL-257 and the FL-102.
Tnx,
Sonny, K4WYS

38. RE: [icomr75] Icom FL-102 Filter

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-25 14:03:56 UTC
From: Tony Berry
Topic: 37 Message: 38

The FL-102 surely does not exist ! FL-101 CW narrow 500Hz Filter 9MHz IF $133 US does !
UT-102 is the voice Synthesizer!
Regards
Tony.

-----Original Message-----
From: W. R. Hood [SMTP:wrhood@...]
Sent: Wednesday, October 25, 2000 2:07 PM
To: icomr75@egroups.com
Subject: [icomr75] Icom FL-102 Filter

<< File: ATT00000.html >>

[Non-text portions of this message have been removed]

39. RE: [icomr75] Icom FL-102 Filter

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-25 15:10:29 UTC
From: W. R. Hood
Topic: 37 Message: 39

Hi Tony,
I have found the ICOM FL102 6KHZ 9MHZ IF AM FILTER for $94.99 on the AES page.
Tnx, for the feed back.
Sonny

At 03:03 PM 10/25/00 +0100, you wrote:
>The FL-102 surely does not exist ! FL-101 CW narrow 500Hz Filter 9MHz
IF $133 US does !
>UT-102 is the voice Synthesizer!
> Regards
> Tony.
>
>-----Original Message-----
>From: W. R. Hood [SMTP:wrhood@...]
>Sent: Wednesday, October 25, 2000 2:07 PM
>To: icomr75@egroups.com
>Subject: [icomr75] Icom FL-102 Filter
>
> << File: ATT00000.html >>
>
>
>[Non-text portions of this message have been removed]
>
>
>
>To unsubscribe from this group, send an email to:
>icomr75-unsubscribe@egroups.com
>
>
>
>

40. Hi Sonny!

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-25 14:34:14 UTC
From: Tony Berry
Topic: 40 Message: 40

Hello Sonny ,
I am a real novice at this, have had my rig for 6 months ,have the filters that came with it ,have added the DSP. , and really like it , mainly listen to Tropical SW and aeronautical HF in tandem with the AIRNAV selcal decoder system on the PC. Nice hearing from you .
Tony
Burlington
Ontario
Canada

[Non-text portions of this message have been removed]

41. ICOM response- Warranty & performing modification

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-28 18:20:33 UTC
From: Charles Bryant
Topic: 41 Message: 41

-----Original Message-----
Subject: ICOM R-75 Synchronous Detection Fix
Hello ICOM Tech. Support,

-I am considering buying an R-75 but have heard on the internet about the problems that are inherent in the R-75's AM synchronous detection operation.
-Mainly that there is no difference with it turned on.
-There is a person (Radostin Danev) that has provided a modification to improve the operation of the Sync. Detector.
-Are you aware of this and is there a service bulletin on this or other improvements ?
-I just would like to know before I purchase an R-75 and modify it , possibly voiding it's warranty.

Thanks,
Eddie Bryant
N4UMJ

-----Response from ICOM-----

Eddie,

There are no mods from ICOM for the IC-R75 synchronous detection. If one chooses to modify the radio it is O.K. as long as you don't destroy the radio in the process.

Best regards,
Orien, KJ7ZT
ICOM Technical Support

Group Members,

Looks like it's OK to do it as long as you don't butcher the radio in the process.
Also remember to use a static strap when working on the sensitive nature of electronics contained within the R-75.

Now to sell a few things around the shack in order to buy my R-75

Eddie Bryant
N4UMJ

42. AM & S-AM mod posted

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-30 10:26:16 UTC
From: Radostin Danev
Topic: 42 Message: 42

Hi all,

I've just uploaded the final version of the AM & S-AM mod in the files
section. Folder name: "R75 mods".
The file is in PDF format.
Corrections and questions are welcome.

Best regards,

Rado

43. Re: [icomr75] ICOM response- Warranty & performing modification

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-30 10:33:26 UTC
From: Radostin Danev
Topic: 41 Message: 43

Hi Charles,

> Looks like it's OK to do it as long as you don't butcher the radio in
> the process.

That's good news and good company policy. I'm thinking of sending the mod info to the headquarters of iCOM in Japan. Not sure if it's worth however - maybe no one will even look at it.

> Now to sell a few things around the shack in order to buy my R-75

You won't regret getting R75 - it's an excellent receiver in my opinion.

Best regards,

Rado

[Non-text portions of this message have been removed]

44. Forgot something

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-30 10:49:54 UTC
From: Radostin Danev
Topic: 44 Message: 44

I'll try to make a sound recording in AM and S-AM modes after the mod and upload it those days.

Best wishes,

Rado

45. ICR-75 filters from Inrad

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-10-31 04:45:53 UTC
From: Gert Nilsson
Topic: 45 Message: 45

In a reply from International Radio, INRAD, they told me that the filters for the IC 756 and IC765 tranceivers can be used for the IC-R75 as well. Anyone in the group with experience of these filters?

46. icom r75 and isb

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-01 19:55:11 UTC
From: lLori Jackson
Topic: 46 Message: 46

hello all,

does anyone know of a mod to add ISB to the icom R75? isb stands for intermediate side band.
the military is using this band now. isb would allow us to monitor two frequencies at the same time.
thanks.... joe jackson

[Non-text portions of this message have been removed]

47. Review of ICOM 75

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-03 06:41:54 UTC
From: Zacharias Liangas
Topic: 47 Message: 47

Hello folks !

I yesterday found this list after a poting on RRS

Just to notice to you that i have uploaded soem time ago my review for R75
the web page for this is
www.geocities.com./zliangas/rt75.htm

At theend you will find my main web page with much radio information

_____
pen-DX sejak 72 - anggota World-DX-Club 2104,Play DX, dll
RX: R75/HF150/MVT7100 + 16m ant/1x1sqm + MFJ16010/1040/1025/752c/462
http://www.geocities.com/zliangas/trip2k.htm (to Bkk,SNG,BAli)
http://www.geocities.com/zliangas/index.htm(l) htm : frames
http://www.geocities.com/zliangas/shack3.htm Rx-system /Retziki

48. Synch. mod sound sample uploaded

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-06 04:47:02 UTC
From: Radostin Danev
Topic: 48 Message: 48

Hi,

I've just uploaded an audio sample of the synch. detector mod - folder "Audio". The file is stereo - R75 in the left channel and SONY ICF-SW07 in the right (sorry this is the best radio I have besides R75). See the text file for details.
I'll post the updated version of the mod (Ver. 1.1) as soon as I find some time to format it - before the end of this week I hope. It makes the synch. very stable - for a small price of hearing whine for 1-2 seconds before its locked (it slows down the lock - delock). Once locked it's rock-stable.

Best regards,

Rado

49. Polls

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-06 06:27:40 UTC
From: Radostin Danev
Topic: 49 Message: 49

We have 15 votes on the polls - are there only 15 owners on the list?

The results so far:

What is your main use of the R75?

Utility monitoring 6.67% (1 vote)
Broadcast listening 33.33% (5 votes)
Both 60.00% (9 votes)

What is the place of the IC-R75 in your shack?

It is my main receiver 86.67% (13 votes)
It is my secondary receiver 6.67% (1 vote)
It is a backup receiver 6.67% (1 vote)

Go vote!

50. Use of R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-06 21:29:09 UTC
From: W. R. Hood
Topic: 50 Message: 50

I see that Rado is very active in the R-75 group. I like his mod. for the S-AM, but I have not attempted it yet.
My use of the R-75 is for the local broadcast station listening and to monitor the AMers on 3885 and 7295 and back up my IC-756Pro and IC-756.
I have the RS-75, computer program and it works fine. I would like to see another software program that gives me a fully active panoramic display as the 756's do. It would be nice.
KEEP UP THE TECH information on the R-75, it's great.
Sonny, K4WYS

51. Re: [icomr75] Synch. mod sound sample uploaded

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-12 12:35:33 UTC
From: John Schneider
Topic: 48 Message: 51

Rado,

I just wanted to send a brief note thanking you for all of the research and hard work you have been doing to improve the qualities of an otherwise excellent radio.

I performed your AM-Sync. mod on 11.09.00. Later that evening at 05:51 UTC I was able to listen to either Radio Botswana or Radio Nigeria, (too tired to stay around for a station ID!) on 4820. If not for the modification the station would have been near impossible to hear with any degree of pleasure, (spiritual music and vocals).

I did experience a slight "whistle: as the radio locked in, but was otherwise very happy.

Thank you again and please...keep up the good work!

-73- N2TMM, John Schneider
theoldcop@...

----- Original Message -----
From: "Radostin Danev" <rado@...>
To: <icomr75@egroups.com>
Sent: Sunday, November 05, 2000 11:47 PM
Subject: [icomr75] Synch. mod sound sample uploaded

> Hi,
>
> I've just uploaded an audio sample of the synch. detector mod - folder
> "Audio". The file is stereo - R75 in the left channel and SONY ICF-SW07 in
> the right (sorry this is the best radio I have besides R75). See the text
> file for details.
> I'll post the updated version of the mod (Ver. 1.1) as soon as I find some
> time to format it - before the end of this week I hope. It makes the
synch.
> very stable - for a small price of hearing whine for 1-2 seconds before
its
> locked (it slows down the lock - delock). Once locked it's rock-stable.
>
> Best regards,
>
> Rado
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com

>
>
>
>

52. Re: [icomr75] Synch. mod sound sample uploaded

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-13 00:17:59 UTC
From: Radostin Danev
Topic: 48 Message: 52

Dear John and other R75-ers,

I'm awfully busy lately so was not able to post the Ver. 1.1 of the mod. I'll explain it briefly here:

- Perform mod Ver. 1.0
- Solder one end of a wire to Pin 3 (REF 3.0 V) ... Pin 3 is next to Pin 4 (AGC). The third pin from left on the bottom side of the IC (see the description of mod Ver. 1.0)
- Solder a resistor with a value around 12 kOhms on the other end of the wire from Pin 3. (I used two resistors in series 10 kOhms + 2.2 kOhms). The value of the resistor I determined by soldering a 50 kOhms pot and then found the best performance position.
- Solder the other end of the resistor to the joint between the wire from Pin 23 (Blend) and the positive leg of the 100 uF cap. The joint will then be: wire Pin 23 + 12 kOhms resistor from Pin 3 + positive leg of a 100 uF cap.

I'll try to post Ver. 1.1 with pictures till the end of this week - but no guarantee. (I have to open the R75 and take the pictures of the update yet)

John, I'm happy the mod works for you. If you want a very stable synch detector I recommend you to perform the update to Ver. 1.1. It will produce a lot of whistles however if you are tuning in S-AM mode (in order to be stable the lock speed is reduced).

Best regards,

Rado

----- Original Message -----
From: John Schneider
To: icomr75@egroups.com
Sent: Sunday, November 12, 2000 9:35 PM
Subject: Re: [icomr75] Synch. mod sound sample uploaded

Rado,

I just wanted to send a brief note thanking you for all of the research and hard work you have been doing to improve the qualities of an otherwise excellent radio.

I performed your AM-Sync. mod on 11.09.00. Later that evening at 05:51 UTC I was able to listen to either Radio Botswana or Radio Nigeria, (too tired to stay around for a station ID!) on 4820. If not for the modification the station would have been near impossible to hear with any degree of pleasure, (spiritual music and vocals).

I did experience a slight "whistle: as the radio locked in, but was
otherwise very happy.

Thank you again and please...keep up the good work!

-73- N2TMM, John Schneider
theoldcop@...

----- Original Message -----
From: "Radostin Danev" <rado@...>
To: <icomr75@egroups.com>
Sent: Sunday, November 05, 2000 11:47 PM
Subject: [icomr75] Synch. mod sound sample uploaded

> Hi,
>
> I've just uploaded an audio sample of the synch. detector mod - folder
> "Audio". The file is stereo - R75 in the left channel and SONY ICF-SW07 in
> the right (sorry this is the best radio I have besides R75). See the text
> file for details.
> I'll post the updated version of the mod (Ver. 1.1) as soon as I find some
> time to format it - before the end of this week I hope. It makes the
synch.
> very stable - for a small price of hearing whine for 1-2 seconds before
its
> locked (it slows down the lock - delock). Once locked it's rock-stable.
>
> Best regards,
>
> Rado
>
>
>
> To unsubscribe from this group, send an email to:
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>
>
>
>

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icomr75-unsubscribe@egroups.com

53. Select Memory Scanning

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-16 19:45:16 UTC
From: kf4gnl@yahoo.com
Topic: 53 Message: 53

If anyone else has had trouble with the "Select" memory scanning on the R-75, here's a solution. Apparently, ICOM did not complete the instructions for this in their U.S. Owners Manual. After programming about 50 or so frequencies into the memories, it seemed to make no difference whatsoever whether a memory has been "Selected" or not. The scan will stop on any memory when a signal is detected.

After contacting ICOM about this problem via the rather circuitous route of going through the Compuserve Hamforum, here's what they had to say about the R-75.

To scan only the memories that you have selected, press the SEL button after you press the SCAN button. This puts the R-75 into the Select Memory Scan mode. It makes both the S next to the memory number and the SCAN symbol flash simultaneously. ICOM left this out of the U.S. Owners Manual. Just thought I'd let the other R-75 owners know about this.

73's Scott

54. R75 or AOR 7300+

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-18 03:24:56 UTC
From: noel@oisin.demon.co.uk
Topic: 54 Message: 54

I am faced with difficult decision. I can either go for the extended coverage of R75 and gain a simpler control layout but lose decent S-AM, or I can opt for the AOR 7300+ with its menu-driven control system, more restricted coverage range and superior (apparently) S-AM.

I am going to be limited to using a relatively small (active) antenna, as I'm an living in an apartment (condo), so I'm at bit of a loss to tell which receiver is best for this setup.

I would welcome any thoughts from the group, even though I'm sure they might be just a bit biased :)

I would also like to hear any comments on the Sherwood SE-3 aftermarket mod to give the R75 decent sync detection.

By the way, I'm UK based, so that makes quite a bit of difference to the prices (we usually have to pay a lot more)

Many thanks in advance,

Noel

55. Re: [icomr75] R75 or AOR 7300+

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-18 04:48:48 UTC
From: Radostin Danev
Topic: 54 Message: 55

Hi Noel,

I was in the same situation 2 months ago. Finally I decided on the R75. Now I'm even more convinced I've made the right decision. The synch. mod makes the S-AM working. I've never used an AR7030 but I expect it'll have only a slight edge over the modified R75 (if not equal). On the other hand R75 is much better in ergonomics - big display, dedicated controls etc. I also live in apartment and use a SONY AN-1 active antenna. In this situation the noise floor is the limiting factor while DXing. Finally the price of the R75 is about one half of that for AR7030 (I don't know how the things are in UK though).

This is only my opinion so put all pros and cons on your balance.

Best regards,

Rado

----- Original Message -----
From: noel@...
To: icomr75@egroups.com
Sent: Saturday, November 18, 2000 12:24 PM
Subject: [icomr75] R75 or AOR 7300+

I am faced with difficult decision. I can either go for the extended coverage of R75 and gain a simpler control layout but lose decent S-AM, or I can opt for the AOR 7300+ with its menu-driven control system, more restricted coverage range and superior (apparently) S-AM.

I am going to be limited to using a relatively small (active) antenna, as I'm an living in an apartment (condo), so I'm at bit of a loss to tell which receiver is best for this setup.

I would welcome any thoughts from the group, even though I'm sure they might be just a bit biased :)

I would also like to hear any comments on the Sherwood SE-3 aftermarket mod to give the R75 decent sync detection.

By the way, I'm UK based, so that makes quite a bit of difference to the prices (we usually have to pay a lot more)

Many thanks in advance,

Noel

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icomr75-unsubscribe@egroups.com

56. ICOM R-75 Price Reduction

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-18 04:54:15 UTC
From: Charles Bryant
Topic: 56 Message: 56

I am proud to say I finally ordered my R-75 today from Ham Radio
Outlet when I learned of the great deal ICOM is presently offering.

They are offering $200 (Coupon)off the list price plus a free UT-106
DSP too!

This put the purchase price right at $584.95

I was waiting for some of my other Amateur radios I have listed to
sell but after
finding out about this today I could not pass up the deal.

I will probably do the Rado Sync. Mod discussed here on the group
after I have used it for a while and am confident that the new radio
is working normally.

Look forward to using it and sharing
my experiences with the group,
Eddie Bryant
N4UMJ

57. Re: [icomr75] R75 or AOR 7300+

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-18 12:49:59 UTC
From: Mark Turner
Topic: 54 Message: 57

I think you mean AOR 7030+ rather than 7300+? Anyway, my comments below assume that, sorry if I made the wrong assumption.

Noel said....
> I am faced with difficult decision. I can either go for the extended
> coverage of R75 and gain a simpler control layout but lose decent S-
> AM, or I can opt for the AOR 7300+ with its menu-driven control
> system, more restricted coverage range and superior (apparently) S-AM.

I have an R75 and an AOR7030+ right here. I originally had a similar decision to make, bought the AOR7030+ first then later bought the R75 too.

I think you've hit the nail on the head re. the differences....

S-AM on my (unmodified so far) R75 is in my opinion useless. So far I've not found any signal that was improved by turning on the sync. S-AM on the AR7030+ is very good, though it's the only radio I've had with a working S-AM so I don't have anything else to compare it to.

Driving the R75 is a fair bit easier than the AR7030+ but you can make up a lot of the difference by setting memories on the AOR to things you use most often such as in my case 3.8MHz LSB, 7.1MHz LSB, 5.68MHz USB, other amateur band edges, etc. so that I can jump easily to the places that I most often start tuning from. The one thing that keeps catching me out on the AOR is that I can't see at a glance what pre-amp, attenuator and filter settings I have but on the R75 it's all right there on the big clear display.

The coverage on the R75 is wider, but in practice that doesn't matter much to me as I don't tend to listen to things between 30 and 50MHz and I have other radios with that coverage anyway.

One thing you didn't mention but which I find fairly important is the "feel" of the main tuning knob. The AOR7030+ has a nice weighty control that spins very freely and just feels right, whereas the ICR75 has a plastic control that is noticably stiffer to turn and doesn't have a comfortable place for my thumb. This matters to me as I spend a fair amount of time just tuning around, especially on the amateur bands. Whether you're a "type it in" sort of person or a "twiddle to it" person will probably go a long way towards making your choice for you. Talking of tuning knobs, I had an AR7030 (not plus) for a few days and the tuning knob on that was very poor, missing many increments and often tuning in the wrong direction. Apparently that was a common failure mode on the non-plus mechanism, but mine was faulty right out of the box.

In terms of ability to receive signals there's very little difference on SSB but the AOR beats an unmodified R75 on S-AM.

I find the twin pass-band tuning of the R75 easier to use than the if-shift approach on the AOR7030+, but that might be just because the knobs are right there all the time rather than hidden away in a menu somewhere so I tend to use them more.

> I am going to be limited to using a relatively small (active)
> antenna, as I'm an living in an apartment (condo), so I'm at bit of a
> loss to tell which receiver is best for this setup.

I feed both my receivers at the same time through a Wellbrook 4 way passive HF splitter, a slightly custom built one that has two aerial inputs on a switch rather than the usual one. On one input I have a Wellbrook ALA1530, on the other a wire dipole cut for 40m and draped over the bungalow roof and back garden. The loop beats the wire almost all of the time in terms of clarity of signal rather than s-meter reading, but the wire is less noisy on 80m sometimes.

I did try the loop inside before installing it at ground level up the garden and it did perform reasonably well, but was *much* better once outside and away from the noise field of the house.

> I would welcome any thoughts from the group, even though I'm sure
> they might be just a bit biased :)

I'd like to think I don't have any bias between these two radios as I have both. I'm probably biased in favour of these two rather than all the others out there though as I may be subconsciously justifying having spent the money on them. :)

If you have any questions about either or both of these radios while you're trying to make your decision please shout up and I'll try to help.

> By the way, I'm UK based, so that makes quite a bit of difference to
> the prices (we usually have to pay a lot more)

Me too. I bought both from Waters and Stanton, partly on price but mostly because they're the nearest to me at an hour away by car and I always get good service from them. I've also had very good dealings with Martin Lynch and Sons and Nevada.

One thing to watch.... there are sometimes offers, either by the dealer or the manufacturer, where they will throw in something for free that's normally an optional extra. Make sure you ask your dealer whether there are any current offers or if they know of any in the near future. When I bought my AOR7030+ it was just 2 weeks before an offer (which I didn't know about at the time) started where AOR threw in a free filter. W&S did sort it out for me though and got the 2.4kHz SSB filter from AOR for me but it would have been a lot less hassle if I'd checked for offers first.

I don't know where in the UK you are, but if you can get to London easily you might want to have a wander around the Picketts Lock amateur radio fair next weekend. All the big dealers will be there and you should be able to have a good look at each of your choices.

Cheers,

Mark.

58. Re: [icomr75] ICOM R-75 Price Reduction

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-18 12:54:06 UTC
From: Mark Turner
Topic: 56 Message: 58

Charles said....
>
> They are offering $200 (Coupon)off the list price plus a free UT-106
> DSP too!

I'd be interested in hearing your, and others, opinions on the UT-106 please
as I'm considering adding one of those myself.

Cheers,

Mark.

59. Re: [icomr75] ICOM R-75 Price Reduction

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-18 12:56:34 UTC
From: John Schneider
Topic: 56 Message: 59

Charles,

Congrats on finding such a good deal.

Re: the AM-Sync. mod...I have performed the original mod as per Rado and I have found it to be extremely useful. I find I can ID stations that would otherwise have been impossible. I have, for the first time, attempted to post some of my loggings, (R. Aparecida, Brazil, 11/16/00, 0708 on 11.855...Radio Rebelde, Cuba, 11/17/00, 0734 on 5.025). Unfortunately I believe there may be or had been a problem w/ the reflector, so they may not have been posted.

Good luck w/ the new radio..I'm sure it will give you years of good listening.

John Schneider
theoldcop@...
==========
iCOM R-75, (w/sync. mod.)
Alpha-Delta SWL Sloper
Smart Icom Control32
Fineware SWBC Schedules
DXtreme RL2000

Original Message -----
From: "Charles Bryant" <n4umj@...>
To: <icomr75@egroups.com>
Sent: Friday, November 17, 2000 11:54 PM
Subject: [icomr75] ICOM R-75 Price Reduction

> I am proud to say I finally ordered my R-75 today from Ham Radio
> Outlet when I learned of the great deal ICOM is presently offering.
>
> They are offering $200 (Coupon)off the list price plus a free UT-106
> DSP too!
>
> This put the purchase price right at $584.95
>
> I was waiting for some of my other Amateur radios I have listed to
> sell but after
> finding out about this today I could not pass up the deal.
>
> I will probably do the Rado Sync. Mod discussed here on the group
> after I have used it for a while and am confident that the new radio
> is working normally.
>

> Look forward to using it and sharing
> my experiences with the group,
> Eddie Bryant
> N4UMJ
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
>

60. Re: [icomr75] ICOM R-75 Price Reduction

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-18 13:20:08 UTC
From: Tony Berry
Topic: 56 Message: 60

Hi Mark
I have added the UT -106, its really mandatory to have ,it works favourably,your lucky a price reduction plus the UT-106 thrown in free !!!!!! well its because you probably live in the States, I live in Canada and we where told that we could not have a DSP-106 free with our purchase , thats discrimination and does not hold water with us Canadians! if ICOM says that ICOM CANADA IS different from ICOM AMERICA " its a load of cods wallop'' !!!!!!!
In fact ICOM should have sold the R75 complete with the UT-106 included to the whole world over !!its like selling a car with no brakes !!!!!!! ICOM has lost a lot of goodwill over that one . and now we have one of our members fixing the AM Synchronous Detection for them !!!!!!!!!!!!! as far as Ime concerned
I am sorry that I purchased the R75! THEY SHOULD ALL BE RETURNED TO ICOM AT THEIR EXSPENSE TO BE FIXED !!!! and dont put any more on the market until they have fixed the problems
Regards
Tony
Burlington
Ontario
Canada

----- Original Message -----
From: Mark Turner
To: icomr75@egroups.com
Sent: Saturday, November 18, 2000 12:54 PM
Subject: Re: [icomr75] ICOM R-75 Price Reduction

Charles said....
>
> They are offering $200 (Coupon)off the list price plus a free UT-106
> DSP too!

I'd be interested in hearing your, and others, opinions on the UT-106 please
as I'm considering adding one of those myself.

Cheers,

Mark.

eGroups Sponsor

To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

[Non-text portions of this message have been removed]

61. Re: R75 or AOR 7300+

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-18 14:54:48 UTC
From: noel@oisin.demon.co.uk
Topic: 54 Message: 61

>I've never used an AR7030 but I expect it'll have only a
>slight edge over the modified R75 (if not equal).

Passport to World Radio gives it glowing review, apart from the
ergonomic issues, the menu system.

>On the other hand R75 is
>much better in ergonomics - big display, dedicated controls etc.

True, and it covers up to 60MHz.

>I also live in apartment and use a SONY AN-1 active antenna. In this
>situation the noise floor is the limiting factor while DXing.

I currently use the Sony AN-LP1 with a Sony ICF-SW 7600G. I'm not
sure how I would go about making the Sony antenna usable on a proper
communications receiver, as the antenna connection is a mini-jack.

>Finally the price of the R75 is
>about one half of that for AR7030 (I don't know how the things are
>in UK though).

The price of the AOR 7030 is about the same as the ICOM R75, the
7030+ is about half as much again. It's the plus version I'm looking
at.

Regards,
Noel

62. Re: R75 or AOR 7300+

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-18 15:03:53 UTC
From: noel@oisin.demon.co.uk
Topic: 54 Message: 62

--- In icomr75@egroups.com, "Mark Turner" <mark@k...> wrote:
>I think you mean AOR 7030+ rather than 7300+? Anyway, my comments
>below assume that, sorry if I made the wrong assumption.

No, you are correct. It was late and I had just come in from a rather long night :)

> I have an R75 and an AOR7030+ right here. I originally had a
>similar decision to make, bought the AOR7030+ first then later
>bought the R75 too.

I may do the same myself, although I probably don't need two receivers :)

> S-AM on my (unmodified so far) R75 is in my opinion useless. So
>far I've not found any signal that was improved by turning on the
>sync. S-AM on the AR7030+ is very good, though it's the only radio
>I've had with a working S-AM so I don't have anything else to
>compare it to.

I have working S-AM on the Sony 7600G and it works well, even if the remainder of the 7600 is a bit lacklustre.

>The one thing that keeps catching me out on the AOR is
>that I can't see at a glance what pre-amp, attenuator and filter
>settings I have but on the R75 it's all right there on the big clear
>display.

Yes, I like the apparent immediacy of the R75.

>One thing you didn't mention but which I find fairly important is
>the "feel" of the main tuning knob. The AOR7030+ has a nice weighty
>control that spins very freely and just feels right, whereas the
>ICR75 has a plastic control that is noticably stiffer to turn and
>doesn't have a comfortable place for my thumb.

That's an important consideration. I had heard that there were problems with the 7030 tuning knob and that it was prone to failure. Perhaps they have fixed that. I

>This matters to me as I spend a fair amount of time just tuning
>around, especially on the amateur bands. Whether you're a "type it
>in" sort of person or a "twiddle to it" person will probably go a
>long way towards making your choice for you.

My job requires me to be a 'type it in' type person (I spend most of my day using a keyboard), so a opportunity to avoid a keyboard would be nice.

>I don't know where in the UK you are, but if you can get to London
>easily you might want to have a wander around the Picketts Lock
>amateur radio fair next weekend.

I'm not far from Picketts Lock. I give that one a whirl.

Thanks,

Noel

63. Re: [icomr75] ICOM R-75 Price Reduction

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-18 18:02:12 UTC
From: Eddie Bryant
Topic: 56 Message: 63

----- Original Message -----
Tony Berry said :

> In fact ICOM should have sold the R75 complete with the UT-106
included
> to the whole world over !!its like selling a car with no brakes
>one of our members fixing the AM Synchronous Detection for them
!!!!!!!!!!!!!
> as far as Ime concerned I am sorry that I purchased the R75!
> THEY SHOULD ALL BE RETURNED TO ICOM AT THEIR
> EXSPENSE TO BE FIXED !!!! and dont put any more on the market until
they
> have fixed the problems
> Regards
> Tony
> Burlington
> Ontario
> Canada

Hello Tony,
Greetings across the border !
- On the discussion of the Icom R-75 ,I agree that the ICOM should come
with the
UT-106 DSP included for all countries. I suspect when they design the
radio
they are given a certain price guideline to stay within. Adding that DSP
as
an option keeps them within it and gives ICOM an edge in that it can be
added
later on. I sold my last audio DSP(NIR-12) It really had some strange
artifacts that
I did not like. I would rather listen to noise. Hopefully the Icom is
better.
- And also it would be the proper thing to do if ICOM acknowledged they
have a
problem with their AM Sync. Detect design.
- See my earlier posting on Icoms' response(10-28-2000.)
- I take it for granted, being able to pop the lid and snip or solder.
But, not everybody has that capability or knowhow.
- ICOM has repaired other fixes on Amateur Radios in the past so maybe
they will
provide a fix for this eventually.
- I suspect there probably is a new R-76 (Upgraded R-75) around the corner
anyhow.
- I had the same problem with my original ICOM Amateur Radio 706.

They have put out four versions (I think) in the last couple of years. Each time improving
their design and fixing the faults. Meanwhile I have an original radio I paid $1200 (USD)
for what is worth now maybe $500 (USD)because nobody wants the older model when
they can buy a new and improved one.
Rather than take a $700 loss I am hanging on to it and I have hard feelings about that too.
- Why not come out with a unit that has it all and be done with it.
- This is almost equivalent to selling the public an ongoing prototype.
- This is OK if your on the tail end and buy last (get the most features for the least $)
- Wait long enough and they will change it or dump it.(Radio Churning !)(Not to be
confused with Computer Churning !) : -)

I am more satisfied with ICOM than dissatisfied but there is certainly room for improvement
here. Kenwood seems to have dropped behind in their Shortwave competition with ICOM.
Of course Kenwood had their problems too, including radios with a certain glue that ate
away over the years at the electronic components in the VFO section of the radio.
Then one day your radio failed to operate. Design flaw and expensive surgery here for
the owner.

I discussed this with a technician once and he called the ICOM radios I had " toy radios."
He was comparing my radios to the more expensive ($3000 plus)top of the line units such
as the Watkins-Johnson's and others. It's all relative I guess.

Take care,

Eddie Bryant
North Carolina , USA

64. Re: [icomr75] ICOM R-75 Price Reduction

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-18 18:12:44 UTC
From: Eddie Bryant
Topic: 56 Message: 64

Mark said:
> I'd be interested in hearing your, and others, opinions on the UT-106
please
> as I'm considering adding one of those myself.

Hello Mark,
I will give you my opinion when I receive the radio and
learn the ins and outs of it.
I previously owned a JPS NIR-12 outboard audio DSP.
This was a very expensive unit with dual processors.
I just could never get it to sound to my liking so I sold it.
I really would rather hear the noise than put up with the
strange processed sound.
Although I must admit the auto-notch worked great.
I mainly used it for voice. It probably was worth its weight
in gold for the CW enthusiast and picking out those individual
signals.
I also am looking forward to having this unit in the radio
instead of in a seperate box.

I will keep you updated,
Eddie Bryant

65. Re: [icomr75] ICOM R-75 Price Reduction

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-20 22:03:01 UTC
From: Mark Turner
Topic: 56 Message: 65

Eddie said....

> I will give you my opinion when I receive the radio and
> learn the ins and outs of it.

Thanks.

> I previously owned a JPS NIR-12 outboard audio DSP.

I tried one a friends outboard DSP for a while, I forget the model but it's the MFJ that everyone raves about. Whilst it was impressive, I couldn't make it do anything better than a piece of Windows shareware called Chromasound. It would be nice to have a decent DSP inside the radio though.

Cheers,

Mark.

66. Re: [icomr75] Digest Number 22

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-21 01:51:41 UTC
From: Edward W. Brown
Topic: 66 Message: 66

The IC-R75 only whetted my appetite for SWBC and utes, I needed something a little more suitable to the task, so a surplus Racal RA6790/GM is on its way here, in a couple weeks. The R75 will serve nicely for SWBC and AM BCB DX'ing, I'll let the Racal handle the heavy lifting... An old but still great working WJ 340-A7 handles the 1 to 900 KHz spectrum.
Maybe someday, a WJ 8617B to cover up to 1GHz, may be in the tea leaves.

Even the venerable Sony ICF-2010 has far better AM-Synch detection than does the R75, and one can even select which sideband. It's still about the best bang for the buck for under $400 (or even $500).

/ed

67. Re: [icomr75] ICOM R-75 Price Reduction

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-21 01:05:33 UTC
From: kc0hbb@aol.com
Topic: 56 Message: 67

Well, I just ordered my R-75 from Grove this am, and it should be here wed!
Can't wait to play with it!

LARRY :-)

68. R75 or Palstar R30

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-21 01:32:08 UTC
From: d0011@optonline.net
Topic: 68 Message: 68

I am ready to purchase either the Icom R75 or the Palstar R30 but can't seem to make up my mind. I currenty use a Yaesu FRG-7 and a Grundig Satellit 700. I mostly listen to broadcast SW but occasionally like to listen to utilities. Any comments or suggestions would be appreciated.

Thanks,
Sal

69. Re: R75 or AOR 7300+

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-21 04:41:10 UTC
From: Michael Moore
Topic: 54 Message: 69

--- In icomr75@egroups.com, noel@o... wrote:
> I am faced with difficult decision. I can either go for the
extended
> coverage of R75 and gain a simpler control layout but lose decent S-
> AM, or I can opt for the AOR 7300+ with its menu-driven control
> system, more restricted coverage range and superior (apparently)
S-AM.
>
> I am going to be limited to using a relatively small (active)
> antenna, as I'm an living in an apartment (condo), so I'm at bit of
a
> loss to tell which receiver is best for this setup.
>
> I would welcome any thoughts from the group, even though I'm sure
> they might be just a bit biased :)
>
> I would also like to hear any comments on the Sherwood SE-3
> aftermarket mod to give the R75 decent sync detection.
>
> By the way, I'm UK based, so that makes quite a bit of difference
to
> the prices (we usually have to pay a lot more)
>
> Many thanks in advance,
>
> Noel

Hi,

I have both the R75 and the AR7030+.

R75:
I find both the number of filter positions and the choice of filters
for the R75 rather limiting. Besides the stock 15kHz, 6kHz, and
2.2kHz, I had the FL-103 (2.8kHz) and the FL-257 (3.3 kHz) installed
in the radio (I removed the FL-257 and had it installed in the
AR7030+). I did not find the optional filters useful for listening
in
AM mode: there was a loss of volume and the optional filters were
too
narrow for AM -- plus it was annoyiung to have to always play with
the
tuning dial or the PBT to get it to sound "right". Listening to AM
signals in "ECSS" mode worked OK on the R75, but it's much better on
my AR7030+. As far as sensitivity goes, the R75 is not all that bad
but I can pick up signals on my AR7030+ that I cannot on the R75.

As for the DSP, I find the NR on the R75 relatively useless, since both signal and noise appear to be reduced proportionately. Although I have never had occasion to take advantage of the noise blanker (NB),
I am told that it works very well. The only thing useful to me (as far as the DSP is concerned) is the automatic notch filter. This seems to work well but unfortunately it is not tunable. As you heard,
the S-AM on the R75 does not work (at least not until you perform Rado's mod).

AR7030:
I have the following filters installed in the AR7030+: Kenwood YG455C1 500 Hz, XTAL 2.4 kHz, Icom FL-257 3.3 kHz, Collins 4.0 kHz, and Collins 6.0 kHz. The radio measures them as 700, 2.2, 2.8, 3.5, and 4.6 respectively. The XTAL 2.4 is really great on true SSB signals. The FL-257 is excellent for listening to AM transmissions in ECSS mode. The Collins 4.0 (3.5) is best for listening in sync mode when selecting a sideband, while the Collins 6.0 (4.6) is best for double sideband sync mode. I haven't made much use of the 500 Hz filter yet. The AR7030+ has great dynamic range, something the R75 doesn't have. I also find the AR7030+ to be more quiet. I prefer the PBS on the AR7030+ to the twin
PBT on the R75. The sync detector on the AR7030+ works well and it's a particular joy to be able to use it while selecting a sideband or anywhere in between the sidebands. Also, my AR7030+ is spot on when it comes to the frequency display. The R75 is not, and this can be a bit annoying when it comes to tuning in SSB modes. On the negative side, I have noticed that when using the AM envelop detector on strong
MW signals, there is some distortion. The distortion is alleviated somewhat by using the attenuator and/or tuning off center and/or using the PBS. In any case, the distortion disappears in sync mode. Before acquiring the radio, I was somewhat worried that the menu system would be difficult to use. However, to my surprise, I find it rather easy to use. I am still waiting for the noise blanker option so I cannot comment on that.

I believe that my R75 cost me about one third of what the AR7030+ cost
me. So the R75 is a good value (especially for SSB).

70. Re: [icomr75] Re: R75 or AOR 7300+

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-21 10:37:18 UTC
From: Mark Turner
Topic: 54 Message: 70

Michael said....
> Also, my AR7030+ is spot on when
> it comes to the frequency display. The R75 is not, and this can be a
> bit annoying when it comes to tuning in SSB modes.

On several occasions I've tuned my AR7030+ and my ICR75 to the same station so that I can make comparisons between them and I've never noticed any difference in frequency readout or SSB pitch for a given frequency.

> I believe that my R75 cost me about one third of what the AR7030+
> cost
> me. So the R75 is a good value (especially for SSB).

100% agreed. Before I bought the R75 I was expecting it to be significantly less of a performer than the AR7030+ but when I got it I was pleasantly surprised. Ok so if you try hard to pick the better one the AR7030+ probably wins for most people, but the R75 isn't far behind and I reckon it's excellent value for money.... unless your main interest is AM and you don't want to do the mod to make it actually work.

Cheers,

Mark.

71. Re: ICOM R-75 Price Reduction

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-21 12:13:14 UTC
From: Michael Moore
Topic: 56 Message: 71

--- In icomr75@egroups.com, "Tony Berry" <tyberry@h...> wrote:
> I have added the UT -106, its really mandatory to have
> ,it works favourably,your lucky a price reduction plus the UT-106
> thrown in free !!!!!! well its because you probably live in the
> States, I live in Canada and we where told that we could not have a
> DSP-106 free with our purchase , thats discrimination and does not
> hold water with us Canadians! if ICOM says that ICOM CANADA IS
> different from ICOM AMERICA " its a load of cods wallop'' !!!!!!!

I too am a Canadian but I got my R75 from an American dealer when it first came out. At that time there was a 100USD coupon and another coupon to mail in to Icom America to get the free DSP. Icom America honoured the DSP coupon even though I am not a US resident (I also checked with them *before* making my purchase).

72. Re: [icomr75] Re: R75 or AOR 7300+

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-21 13:39:17 UTC
From: Gert Nilsson
Topic: 54 Message: 72

My R75 was 20 Hz high on delivery. It is rather easy to asjust on the 60 MHz trimmer.

[Non-text portions of this message have been removed]

73. what is utility???

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-22 00:30:05 UTC
From: yuf@phoenixdsl.com
Topic: 73 Message: 73

I recenltly got into SW and found this reciever had great reviews except for the S-AM. I'm happy to see a fix on this board. I'll try it soon.

Being new to all this, I haven't really found a good description of what it means to listen to "utilities". I thought at first it was police, etc, but these are usually on scanner bands, higher than those of the R75. So what is this? Where do I look!?

Please answer my stupid question. It is not a joke :-).

-yuf

74. Re: [icomr75] Digest Number 23

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-22 05:13:36 UTC
From: Leigh Hanlon
Topic: 74 Message: 74

I'm enjoying my new R-75 -- with the exception of the S-AM "feature." I can't tell any difference whether it's active or not. I find it incredible that somebody actually signed off on this feature being successfully implemented and that Icom actually advertises it.

Leigh Hanlon
Chicago, USA

75. Re: [icomr75] what is utility???

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-22 05:40:16 UTC
From: Dr.Sharko
Topic: 73 Message: 75

----- Original Message -----
From: <yuf@...>
To: <icomr75@egroups.com>
Sent: Tuesday, November 21, 2000 4:30 PM
Subject: [icomr75] what is utility???

>
> I recenltly got into SW and found this reciever had great reviews
> except for the S-AM. I'm happy to see a fix on this board. I'll
> try it soon.
>
> Being new to all this, I haven't really found a good description of
> what it means to listen to "utilities". I thought at first it was
> police, etc, but these are usually on scanner bands, higher than
> those of the R75. So what is this? Where do I look!?
>
> Please answer my stupid question. It is not a joke :-).
>
> -yuf
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
> Point-to point transmissions, such as ship to shore telephone, oil/gas
platforms, fishing vessels,
expeditions, drug smuggling, drug interdiction,
basically any commercial activity that uses
h.f. is considered to be utility.

76. Re: [icomr75] Digest Number 23

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-22 15:25:21 UTC
From: Eddie Bryant
Topic: 74 Message: 76

From: Leigh Hanlon <lthanlon@...>

> I'm enjoying my new R-75 -- with the exception of the S-AM "feature." I
> can't tell any difference whether it's active or not. I find it incredible
> that somebody actually signed off on this feature being successfully
> implemented and that Icom actually advertises it.
>
> Leigh Hanlon
> Chicago, USA

Hello Leigh,

I hate to say it but ICOM has been known to do things
such as this recently. They also make an R-3 hand-held
receiver that looks like a small Casio TV which was recently
marketed heavily focusing on the receiver being able to pick
up cameras in race cars(Nascar.) It is a first generation
receiver of this kind.
From what I have read and speaking with the ICOM Rep. at
a local Hamfest he stated that it works for regular TV reception
but does'nt work as advertised for the incar cameras. It does
pick up the Amateur SSTV as well. Some are happy with it.
Some are not.

Another example is the ICOM 706.
The ICOM 706 was introduced and refined twice in the last
5 years. Each time improving and fixing earlier things that
were complained about in the introductory model.
The third generation 706 is now referred to as the 706 MKII G.

I was on the leading edge by buying early but now the im-
proved radio can be purchased for $200 less with many better
and improved features. The trade in value on that particular radio
of mine has dropped 60% of the original purchase price in
5 years. This really reminds me of the computers that are
known to depreciate rapidly and you end up just about giving
them away.

You must credit ICOM that they do have a tendency to react and
correct problems that are apparent in the earlier version radios.

I suspect they will correct the problem with the R-75 but for
now it ICOM isn't going to acknowledge or advertise it.

By the way since we last talked I have ordered an R-75 too.
ICOM has a real good promotion going on currently.
Now just waiting for the brown truck to arrive.

Happy Thanksgiving ,
Eddie Bryant
N4UMJ

77. new topic - pulling in weak stations

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-22 16:50:04 UTC
From: yuf@phoenixdsl.com
Topic: 77 Message: 77

Okay, I've finally got a grasp of what utilities are, and now fear that I will someday own a decoder as well.

In the mean time, I'm just having a hoot surfing the bands and trying to pull in everything I come across.

I do not live in a particularly condusive environment. I live in a poured concrete building (with rebar), on the 4th floor, and have a north facing window. I'm in the Pacific Northwest of N. America.

Currently just using a active Sony AN-LP1, which actually seems to do a fair job. Was able to recieve the BBC from S. Africa, and the armed forces radio from Thailand. Many signals from Pacific rim, and S. America.

Anyway, the new topic: How about everyone giving their favorite methods for using the R75 to pull in weak signals??? So far I've had some good luck adjusting the RF gain to reduce static. Also, different stations behave better with AGC, NB, and one or none of the preamps. I never use S-AM, at least until I make the mod.

Anyone else with good methods for getting weak signals on the R75?

Any recommendations for my location situation with regards to a better antenna? I've tried some small loops, a horizontal wire, but none of them seems to do as well as the AN-LP1.

-yuf

78. Re: [icomr75] Digest Number 23

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-23 01:23:43 UTC
From: Edward W. Brown
Topic: 74 Message: 78

"Utilities" are those broadcasts and signals found on HF that are not international broadcasts or amateur radio (some may say that ham radio is a ute). Mostly military, aeronautical, ships at sea, RTTY, morse code, other data modes, etc are the so called "utilities". If you can get ahold of a copy of Monitoring Times, look for their utilities column, this covers them all in the form of readers' reports. There are some assigned HF freqs to US law enforcement, but these don't have the heavy usage of their VHF/UHF frequencies. Remote rural areas like Alaska have special emergency frequencies available for general emergency usage.

/ed brown in frozen NH

79. Re: [icomr75] Digest Number 24

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-23 03:19:02 UTC
From: Edward W. Brown
Topic: 79 Message: 79

I use an MFJ 1024 active antenna with my R74, it is a good match, overall. I find that I usually don't need the preamps in the receiver turned on, and sometimes turn down the signal level from the MFJ. I use enough gain to get clear reception, with minimal noise and interference.

My best DX haul on the R75 was a Saudi Arabiam MW AM station on 1521 KHz, I was able to null out the US station on 1520 by careful use of the twin PBT and using USB mode, in the "ECSS" mode. If the ync AM was better (I haven't yet done the mod) it would be a superb receiver, even as original, it is a lot of receiver for the dollar. Mine gets 3-4 hours use average daily, more on weekends. I found the 30-50 MHz isn't quite as hot as in a decent scanner, but it is still pretty good. The 6 meter ham band has full specified sensitivity as does HF. The UT106 does a fair job of removing heterodynes, but really bad QRM or QRN still gets through.

If Icom would nake an R7000 (25-2000 MHz) receiver in the same package, it would be a real winner. My vintage R7000 is still good, but it has needed a bit of TLC and minor repair work, done by myself, to keep it running.

/ed

80. Re: [icomr75] Digest Number 24

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-23 00:56:50 UTC
From: Tony Berry
Topic: 79 Message: 80

Hi Ed, could you please let me know what "ECSS" mode is ?
Regards
Tony,
----- Original Message -----
From: Edward W. Brown
To: icomr75@egroups.com
Sent: Thursday, November 23, 2000 3:19 AM
Subject: Re: [icomr75] Digest Number 24

I use an MFJ 1024 active antenna with my R74, it is a good match,
overall. I find that I usually don't need the preamps in the receiver
turned on, and sometimes turn down the signal level from the MFJ.
I use enough gain to get clear reception, with minimal noise and
interference.

My best DX haul on the R75 was a Saudi Arabiam MW AM station on 1521 KHz,
I was able to null out the US station on 1520 by careful use of the twin
PBT and using USB mode, in the "ECSS" mode. If the ync AM was better (I
haven't yet done the mod) it would be a superb receiver, even as
original, it is a lot of receiver for the dollar. Mine gets 3-4 hours use
average daily, more on weekends. I found the 30-50 MHz isn't quite as hot
as in a decent scanner, but it is still pretty good. The 6 meter ham band
has full specified sensitivity as does HF. The UT106 does a fair job of
removing heterodynes, but really bad QRM or QRN still gets through.

If Icom would nake an R7000 (25-2000 MHz) receiver in the same package,
it would be a real winner. My vintage R7000 is still good, but it has
needed a bit of TLC and minor repair work, done by myself, to keep it
running.

/ed

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[Non-text portions of this message have been removed]

81. Re: [icomr75] Digest Number 25

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-24 03:56:40 UTC
From: Edward W. Brown
Topic: 81 Message: 81

ECSS (I think it is "exhalted carrier single sideband") is using SSB mode, zero-beat on an AM signal. If the receiver and signal are stavle, it works quite well, and is useful in getting rid of nearby signal interference, one one side or other of the desired signal. I'm not 100% sure if ECSS is the correct term, but this method works nicely on AM MW and SW signals. Overall results depend on the receivers IF filter bandwidth and product detector stability. This doesn't work as well on older or less expensive "BFO" equipped receivers.

Ny R75 works very well using SSB on an AM signal, everything is centered nicely, so that switching between USB and LSB doesn't change the sound quality of the received signal. The narrower IF bandwidth does cut off the higher audio frequencies, and it gives human voice a little more intelligibility at the expense of audio fidelity.

/ed

82. Re: [icomr75]

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-24 02:01:13 UTC
From: kc0hbb@aol.com
Topic: 82 Message: 82

Well, after my first day of using the R-75, I am really impressed! I have been comparing it to my Grundig Sat-800, and really can't tell much of a difference. The only edge that the Grundig has is the bass and treble features. I do not have the DSP module installed yet (have to send for it), and am really pleased with the R-75! I am using an Icom SP-21 external speaker on it and for antenna am using a 102' dipole. With the current deal on them, it is making them real attractive! Will probably be ordering the software for it tomorrow or Monday. Now to find a home for my Sat-800!

LARRY :-)

83. RE: [icomr75]

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-24 02:37:22 UTC
From: Ed Pusey
Topic: 82 Message: 83

Larry,

I'm also a new R-75 user and think it's great after 15 years on a Kenwood R-2000. I don't know what software you're planning to get, but I'm also using Mark Fine's program for the R-75. My personal view is that it's quite good & the price is reasonable -- $60, but you can use the shareware version, with some limitations, free. I've heard the ICOM software is marginal. If you aren't overwhelmed with Mark Fine's product (http://www.fineware-swl.com/index.html), you might try the scancat folks at http://www.scancat.com/. If they don't have software yet, they should soon. Probably most important is to look around a bit and don't "default" to ICOM's software. I'm pretty sure you can to better. And yes, all you need is a standard DB-9 serial port cable for the connection, no special pins and connections to make.

Happy listening.

Ed P.

-----Original Message-----
From: kc0hbb@...: kc0hbb@... [mailto:kc0hbb@...]
Sent: Thursday, November 23, 2000 9:01 PM
To: icomr75@egroups.com
Subject: Re: [icomr75]

Well, after my first day of using the R-75, I am really impressed! I have been comparing it to my Grundig Sat-800, and really can't tell much of a difference. The only edge that the Grundig has is the bass and treble features. I do not have the DSP module installed yet (have to send for it), and am really pleased with the R-75! I am using an Icom SP-21 external speaker on it and for antenna am using a 102' dipole. With the current deal on them, it is making them real attractive! Will probably be ordering the software for it tomorrow or Monday. Now to find a home for my Sat-800!

LARRY :-)

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84. Re: ECSS

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-24 03:37:01 UTC
From: Gerry Busch
Topic: 81 Message: 84

Edward W. Brown wrote:

>Ny R75 works very well using SSB on an AM signal, everything is centered
>nicely, so that switching between USB and LSB doesn't change the sound
>quality of the received signal. The narrower IF bandwidth does cut off
>the higher audio frequencies, and it gives human voice a little more
>intelligibility at the expense of audio fidelity.

Right! I've been using that method frequently for AM signals on my R75.
It also significantly removes the distortion caused by fading. I used to
do that on my Sony ICF-2010 by using its synchronous detector, but I find
the SSB approach on the ICOM R75 works far better, and if I happen to tune
to another station I don't have to put up with the annoying clicks and
growls the Sony emits when I lose lock.

With SSB I sometimes use a rather wide filter setting to improve the audio
a little, especially if there's music involved: 2.4 kHz for the 455 kHz IF
and 15 kHz for the 9 mHz IF.

As for everything being centered, all sideband signals on my Sony are about
.2 kHz off frequency. After zero-beating some AM stations, I found that
ALL signals were off. The ICOM, on the other hand, is dead on!

Gerry

85. RE: Software for R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-24 03:47:49 UTC
From: Gerry Busch
Topic: 82 Message: 85

Ed Pusey wrote:

>I don't know what software you're planning to get, but I'm also
>using Mark Fine's program for the R-75. My personal view is that it's quite
>good & the price is reasonable -- $60, but you can use the shareware
>version, with some limitations, free. I've heard the ICOM software is
>marginal.

Unfortunately my computer wreaks havoc with shortwave radio reception, even though the antenna is outside and the lead-in is shielded, so I usually shut down the computer when listening and don't use any control software with the R75 at all.

An exception is when I use software for reading radio teletype or CW. It's great; all you do is patch the R75's audio into your sound card from the receiver's tape recorder output jack and the software takes care of almost everything else.

I must add here that RTTY reception works better for me if I use LSB instead of the R75's RTTY mode.

Gerry

86. Re: [icomr75]

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-24 13:15:35 UTC
From: kc0hbb@aol.com
Topic: 86 Message: 86

Thanks much for the info! Will check into the software!

LARRY :-)

87. Rado mod report!

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-25 01:36:48 UTC
From: yuf@phoenixdsl.com
Topic: 87 Message: 87

Okay, so I'm a software guy that decided to hack a radio.

Doesn't sound good does it. I echo Rado's warning about begin
confident in your soldering. This is intricate work. It's easy to
screw something up with a errant piece of solder.

I'm happy to say that I don't seem to have ruined the radio.
I did both mods from Rado's pdf.

I am rather pleased, though, I had the idea this mod would work
differently than it does. I thought that I'd tune in an station,
and with S-AM it would just whistle a bit and then lock in. This
isn't exactly the behaviour in my case. Once close to a station,
I can swtich to S-AM. Whistle central. A few seconds does not
lock in, but some fine tuning of the frequency and/or the pbt,
and I can often get a really nice lock that sounds much fuller
than without. Usually one direction or another changes the whistle
frequency up or down. I go down until it goes away, afterwhich
I get usually get a pretty decent lock.

Is this the behaviour I should expect Rado? While I was at first
dismayed, the more I played with it, the more I seem to be able to
get very listenable setups for previously unlistenable AM signals.

At the very least, I have a S-AM mode that does something useful and
different now!

Please tell me I did it right :-)

-yuf

88. Re: [icomr75] Rado mod report!

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-25 03:05:15 UTC
From: Radostin Danev
Topic: 87 Message: 88

Dear Yuf,

With mod Ver. 1.1 I don't recommend tuning around in S-AM mode. Tune in AM mode and when you are at station switch to S-AM. With the 6 kHz filter when there is a strong station on either side of the one you are interested in sometimes the synch won't lock. This is because its trying to lock on the carrier of the adjacent station. In such cases I first use a narrow filter (2.4 kHz) which makes for easy lock of the S-AM. Then I switch to 6 kHz. If the interfering station is very strong then some PBT can also help.

If the lock speed seems too slow to you then increase the value of the resistor from Pin 3 to about 20 kOhms. This will make it much faster. Another option is to disconnect the resistor (i.e. downgrade to mod Ver. 1.0). If you decide to do this don't disconnect the wire from Pin 3 - you've already done a difficult job soldering it ... and you may decide to go to Ver. 1.1 again. Just wrap the end of the wire with insulating tape and secure it.

I've developed the mod according to my tastes - the stability is in first place for me (I use the S-AM when listening to a station ... so once locked I want to have it as stable as possible). I'm not bothered by longer whistles while locking. With Ver. 1.0 the synch is sometimes loosing lock in the deep fades.

Finally check again that everything is OK with the soldering.

Write back with your findings.

Best regards,

Rado

----- Original Message -----
From: yuf@...
To: icomr75@egroups.com
Sent: Saturday, November 25, 2000 10:36 AM
Subject: [icomr75] Rado mod report!

Okay, so I'm a software guy that decided to hack a radio.

Doesn't sound good does it. I echo Rado's warning about begin confident in your soldering. This is intricate work. It's easy to screw something up with a errant piece of solder.

I'm happy to say that I don't seem to have ruined the radio.
I did both mods from Rado's pdf.

I am rather pleased, though, I had the idea this mod would work
differently than it does. I thought that I'd tune in an station,
and with S-AM it would just whistle a bit and then lock in. This
isn't exactly the behaviour in my case. Once close to a station,
I can swtich to S-AM. Whistle central. A few seconds does not
lock in, but some fine tuning of the frequency and/or the pbt,
and I can often get a really nice lock that sounds much fuller
than without. Usually one direction or another changes the whistle
frequency up or down. I go down until it goes away, afterwhich
I get usually get a pretty decent lock.

Is this the behaviour I should expect Rado? While I was at first
dismayed, the more I played with it, the more I seem to be able to
get very listenable setups for previously unlistenable AM signals.

At the very least, I have a S-AM mode that does something useful and
different now!

Please tell me I did it right :-)

-yuf

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89. Re: [icomr75] Rado mod report!

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-25 06:37:37 UTC
From: Eddie Bryant
Topic: 87 Message: 89

Hello Rado,

I have done version 1.0 modification to my R75 and find
it has really improved the AM reception quality.

I noticed you now have a ver 1.1 Mod. that involves an
additional resistor. Could you explain briefly what the main
benefit of this is?
I will most likely go back in mine and perform it.
I will also have to go back in again later and install the
DSP when it arrives.
I did notice on deep fades there is a tendency for a short
tone to appear briefly then disappear.
I assume the resistor attempts to limit or eliminate this.

Thank You for your effort on this fix and I know
it is a time consuming affair for you.
You are doing a great job especially the detailed mod.
instructions.

One thing on Ver 1.0 :

I would suggest adding a 1 megohm resistor
in series for safety purposes on your instructions for the
makeshift static strap in case it comes in contact with a high
voltage source it would provide a degree of safety and not
endanger the safety of the person working on the mod.
All commercial static straps have this incorporated into
them. Maybe grounding the chasis of the radio and ground-
ing the soldering iron would be a better idea. If the person
doing the mod. rests his arms against the chassis of the
radio prior to soldering he will be effectively grounding
himself through it as he does the soldering.

Just sounds a little safer.

I am really enjoying the R75 !

Keep up the fine work ! ,
Eddie Bryant

90. Re: Rado mod report!

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-25 07:14:04 UTC
From: yuf@phoenixdsl.com
Topic: 87 Message: 90

--- In icomr75@egroups.com, "Radostin Danev" <rado@n...> wrote:
> increase the value of the
> resistor from Pin 3 to about 20 kOhms. This will make it much
faster.

Hmmm.. the pdf version doesn't deal with pin 3 at all, so I didn't
do this. I simply did the two caps to pins 23 and 4.

The radio behaved strangely for a while I've decided, and that there
must have been a small short to the board where pin 23 had been pried
up. So, essentially, it was hooked up such that there was simply
a cap to ground from ping 23, but pin 23 still connected to the board.
Do you know how this configuration would behave? It may explain my
earlier issues. Essentially the lock was *molasses* slow. Creeping.

I believe this is now not the case, and the radio behaves much better.
It now locks in very quickly with little whistling (none at all if I'm
right on frequency). This seems much healthier.

I must say this -- the overall AM reception is noticably smoother
I believe. Even without sync, I believe the AGC mod does good things.

-yuf

91. Re: [icomr75] Rado mod report!

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-25 07:37:55 UTC
From: Radostin Danev
Topic: 87 Message: 91

Hi Eddie,

> I noticed you now have a ver 1.1 Mod. that involves an
> additional resistor. Could you explain briefly what the main
> benefit of this is?

The resistor slows down the lock/de-lock speed of the PLL. This makes for a stabler synch. detector. The side effect is longer whistle (about 1-2 seconds) before the synch. is locked.

> I did notice on deep fades there is a tendency for a short
> tone to appear briefly then disappear.
> I assume the resistor attempts to limit or eliminate this.

Yes it makes the synch. "fly" over carrier fades. It will take 2 or more seconds of complete carrier absence before the PLL will start drifting ("losing" lock). Unfortunately there is no "LOCK" output on the IC (there is one on the older stereo AM IC - MC13020). If there was one it would have been possible to make the receiver switch the audio to synch. detector only after the PLL is locked (i.e. the way it is done in other receivers - like AR7030).
The best way of performing mod Ver. 1.1 is to find the resistor value according to your tastes. First connect 10 kOhms resistor in series with 10 kOhms or more pot. Turn on the radio (as it is open) and by adjusting the pot find the best compromise lock speed/stability. I expect different users will find different values to work best. Then disconnect the resistors set and measure the resistance - this will be the value of the resistor for Ver. 1.1.
Another idea I had was to use the "LOCK" button on the set to switch between fast synch. (mod Ver. 1.0) and slow synch. (mod Ver. 1.1). This way after tuning in a station one can push the "LOCK" button and switch to slow synch. The button will also lock the tuning knob so no way to de-tune and hear whistle. Unfortunately this is not very easy modification ... not to say impossible.

Maybe the best way is to add a stereo jack at the back panel and make a small remote switch - small box with a switch connected to about 50 cm of cable and ending in a male jack. The ring of the female jack is connected to 5 kOhms resistor from Pin 3 (REF 3.0V). The tip to another 5 kOhms resistor going to the positive leg of the cap. at Pin 23 (BLEND). The resistor is split in two in order to avoid damage if either the ring or the tip is connected accidentally to ground. The switch in the box should be connected between the tip and the ring of the male jack. Then the operation will be:
- switch open (fast synch.) ... tune in a station (when the synch. is in fast mode there will be almost no whistles)
- after the synch is locked close the switch - synch. in slow mode

- listen to the station

Maybe I'll add such switch ... maybe not. I'm quite happy with the current performance.

> Thank You for your effort on this fix and I know
> it is a time consuming affair for you.
> You are doing a great job especially the detailed mod.
> instructions.

Thanks for the thanks. I'm just sharing my experience.

> One thing on Ver 1.0 :

> I would suggest adding a 1 megohm resistor
> in series for safety purposes on your instructions for the
> makeshift static strap in case it comes in contact with a high
> voltage source it would provide a degree of safety and not
> endanger the safety of the person working on the mod.
> All commercial static straps have this incorporated into
> them. Maybe grounding the chasis of the radio and ground-
> ing the soldering iron would be a better idea. If the person
> doing the mod. rests his arms against the chassis of the
> radio prior to soldering he will be effectively grounding
> himself through it as he does the soldering.

Thanks for the suggestion. I'll add it to the mod instructions. To be honest - I've never used static strap ... just the receiver chassis.

Best regards,

Rado

92. Re: [icomr75] Re: Rado mod report!

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-25 07:43:54 UTC
From: Radostin Danev
Topic: 87 Message: 92

Hi Yuf,

> I believe this is now not the case, and the radio behaves much better.
> It now locks in very quickly with little whistling (none at all if I'm
> right on frequency). This seems much healthier.

I'm happy you found the problem.

> I must say this -- the overall AM reception is noticably smoother
> I believe. Even without sync, I believe the AGC mod does good things.

Yes it improves the AM reception also. This was the first mod I've done.
Then I went to Pin 23 for the synch. mod. And finally to Pin 3 for the
stabler synch.

Happy listening!

Rado

93. Re: [icomr75] Re: Rado mod report!

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-25 08:13:12 UTC
From: Eddie Bryant
Topic: 87 Message: 93

>I must say this -- the overall AM reception is noticably smoother
>I believe. Even without sync, I believe the AGC mod does good things.
>-yuf

Hello all,

I just accomplished the Ver 1.0 Rado modification today to my R75.
I did some more listening tonight and I can say this receiver is really
amazing with the Rado Mod Ver 1.0
I was doing a side by side comparison with the R75 and my ICOM R8500
that has no synchronous detection.
I had to search to find a rapidly wavering signal to really test it.
When I did , I could not believe the difference. The R75 really had a
crisp clear signal that was there all the time with the AM sync. turned
on. The R8500 had the raspy sound around the edges when the signal
dipped. When you hear it side by side you really appreciate the difference.
This is what is annoying about listening to shortwave without the
synchronous detection. You will miss whole sylables to the words and
the brain has to work overtime to reassemble the missing sounds.
This is no longer a problem here with the modified R75 !
The earlier tones I heard that were mentioned in my previous post are
not present now. I believe it was operator error and I was slightly mis-
tuned on frequency.
Even with the AM sync. turned off this receiver is superb. I think even
the first part of Mod. Ver 1.0 is a drastic improvement.
I must admit I am so impressed with this reciever I would almost like to
buy another one to replace my older SONY 2010.
I must say with the Rado Modification makes the R75 a true contender
to the SONY 2010. On comparing the SSB to the SONY 2010 the R75
puts the SONY to shame. This is now one nice radio.

Thanks again to Rado for his research and help....

Eddie Bryant

94. Re: Rado mod report!

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-25 15:54:49 UTC
From: Gerry Busch
Topic: 87 Message: 94

Hi, Eddie. At 03:13 AM 11/25/2000 -0500, you wrote:

>This is what is annoying about listening to shortwave without the
>synchronous detection. You will miss whole sylables to the words and
>the brain has to work overtime to reassemble the missing sounds.
>This is no longer a problem here with the modified R75 !

It must be nice! I'd like to thank Rado, too, but in my case, I'm too much of a klutz with a soldering iron to risk damaging my nice, new receiver by carrying out the mod. As I mentioned earlier, when I use USB or LSB on an AM signal, the distortion due to fading disappears, anyway, and I hardly miss anything, unless the fade is so deep that the signal disappears altogether.

>On comparing the SSB to the SONY 2010 the R75 puts the SONY to shame.

I know what you mean; got my R75 only a few weeks ago, and put my Sony ICF-2010 out of use altogether.

The R75's accuracy and stability is truly impressive on sideband, and the twin PBT solves lots of interference problems, especially on the crowded ham bands during a contest. The main reason I bought the R75 was the fact that 90% of my listening involves sideband, and my 2010 displayed all the frequencies inaccurately. For example, I had to tune to 11282.2 USB to clear up the audio, when the true frequency was 11282.0 (flights working San Francisco). I wound up storing all my SSB frequencies in memory using the .2 kHz offset.

The offset was actually only .1 kHz when the set was first turned on, then it stabilized at .2 kHz after about an hour of use. At any rate, the 2010 wasn't stable enough to use the method mentioned above for listening to an AM station in SSB mode, but the sync detector was OK (in my opinion, the 2010's only asset).

When I also take into account my 2010's reduced sensitivity due to a blown FET in the front end (mine is an early 2010) plus the irritating buzzes and birdies caused by the radio's internal CPU, the R75 is like a breath of fresh air.

Gerry

95. Re: Rado mod report!

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-25 19:06:19 UTC
From: Charles Bryant
Topic: 87 Message: 95

Gerry Busch wrote.....>

>I use USB or LSB on an AM signal, the distortion due to fading
>disappears,anyway, and I hardly miss anything, unless the fade is so
>deep that the signal disappears altogether.

From : Eddie Bryant
That is exactly what I used to do on my Kenwood TS-440 Transceiver and it worked great. Then I got the SONY and really learned to appreciate the Sync. Detection.

>The main reason I bought the R75 was the fact that 90% of my
>listening involves sideband, and my 2010 displayed all the
>frequencies inaccurately.

On doing a side by side comparison to my older SONY 2010 I found it was innacurate too, by 100 hertz or so. Enough to make the sideband sound unnnatural. I suppose there may be a way to calibrate that, but still your limited to tuning whole 100 hertz steps. I never realized this until I had the R75 next to the 2010 and was doing comparison listening.

>AM station in SSB mode, but the sync detector was OK (in my
>opinion, the 2010's only asset).

I must agree completely. And the radio has lasted for quite a few years as a superior radio. The 2010 is more portable (somewhat) than the R75 for people that need a smaller radio to travel with.

>When I also take into account my 2010's reduced sensitivity due to
>a blown FET in the front end (mine is an early 2010) plus the
>irritating buzzes and birdies caused by the radio's internal CPU,
>the R75 is like a breath of
>fresh air.

I suppose all radios have their birdies. This raised my curiousity. I connected a 50 Ohm Dummy Load to the antenna connector and proceded to scan the radio through the frequency range it covers. Surprisingly the R75 generates few birdies internally. The Preamp really reduced these when they were present and I don't think any of these will present a problem listening. None of the birdies that were found even to move S-meter. At one point I found a signal with audio on it. This was WWCR on 13845 getting into the radio with the dummy load connected. It was not moving the S-meter at all though. Of course it was coming in with a booming S9 +20db signal when I connected the 2 foot telescopic whip. A local broadcast station ,WBT at 1110 KHz, was giving the same reading on my S-meter.

This is one very good receiver. I must admit ICOM went to the extra extent to minmize the internal signal leakage. Even the ribbon cables are shielded and the front panel has a solid metal backing in the R75. There are some pictures in the files section that show the internal workings of the R75.

There is some great quality construction here by ICOM.

I noted the birdie frequencies if anyone wants to compare or are just plain interested I would be willing to send a list of these to you.

Eddie Bryant

96. RE: [icomr75] Re: Rado mod report!

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-25 19:50:29 UTC
From: Tony Berry
Topic: 87 Message: 96

Hi Charles ,
I would be interested in the ''Birdie Frequencies''and thanks for your reports on your new R75
Regards
Tony.

-----Original Message-----
From: Charles Bryant [SMTP:n4umj@...]
Sent: Saturday, November 25, 2000 7:06 PM
To: icomr75@egroups.com
Subject: [icomr75] Re: Rado mod report!

<< File: ATT00000.html >>

[Non-text portions of this message have been removed]

97. Birdie Frequency List

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-25 22:51:16 UTC
From: Charles Bryant
Topic: 87 Message: 97

----- Original Message -----
From: Tony Berry <tyberry@...>
To: <icomr75@egroups.com>
Sent: Saturday, November 25, 2000 2:50 PM
Subject: RE: [icomr75] Re: Rado mod report!

> Hi Charles ,
> I would be interested in the ''Birdie Frequencies''
> Regards
> Tony.

Hello Tony,

Let me also say that some of these were barely perceptable. I had to switch to SSB to even hear some of these. As I said before, none of these even move the S-meter. They are really down in the noise floor. With the antenna connected these will probably be hard to hear if at all.

I did have my computer turned off for this test and the ANT 1 was terminated into a 50 Ohm non-inductive resistive load

I did not get a chance to check my SONY 2010. I believe the internal antenna is always connected on it. I might get around to that later

Here are the "Birdie Frequencies"

58.981 29.490
56.525 27.033
55.677 25.495
54.066 24.575
51.610 23.004
49.237 20.540
49.150 19.660
46.693 17.203
44.236 14.745
41.980 11.975
39.921 9.830
36.863 9.462
34.406 4.517
33.993 0.455
30.000

Happy listening!

Eddie Bryant

98. 5 kHz images

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-26 00:15:34 UTC
From: Craig Seager
Topic: 98 Message: 98

I'm currently experiencing a problem whereby very strong signals are double-spotting exactly 5 kHz away on some frequency ranges.

Has anyone else experienced this phenomena or have any idea what the cause may be?. Only started happening a few weeks back, and occurs regardless of whether the preamps are switched in or out. There are no other obvious manifestations or general overloading problems apparent.

I'm using an unmodified R75, with DSP and FL223 SSB filter added.

Thanks!

Craig Seager
cseager@...

[Non-text portions of this message have been removed]

99. Re: [icomr75] 5 kHz images

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-26 03:07:06 UTC
From: Dr.Sharko
Topic: 98 Message: 99

----- Original Message -----
From: "Craig Seager" <cseager@...>
To: <icomR75@egroups.com>
Sent: Saturday, November 25, 2000 4:15 PM
Subject: [icomr75] 5 kHz images

> I'm currently experiencing a problem whereby very strong signals are
double-spotting exactly 5 kHz away on some frequency ranges.
>
> Has anyone else experienced this phenomena or have any idea what the cause
may be?. Only started happening a few weeks back, and occurs regardless of
whether the preamps are switched in or out. There are no other obvious
manifestations or general overloading problems apparent.
>
> I'm using an unmodified R75, with DSP and FL223 SSB filter added.
>
> Thanks!
>
>
> Craig Seager
> cseager@...
>
>
> What frequencies ranges?

100. Re: [icomr75] 5 kHz images

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-26 08:11:32 UTC
From: Craig Seager
Topic: 98 Message: 100

Particularly prominent on 11 mHz, but also the lower end of the mediumwave band.

Cheers.

----- Original Message -----
From: "Dr.Sharko" <dr.sharko@...>
To: <icomr75@egroups.com>
Sent: Sunday, November 26, 2000 2:07 PM
Subject: Re: [icomr75] 5 kHz images

>
> ----- Original Message -----
> From: "Craig Seager" <cseager@...>
> To: <icomR75@egroups.com>
> Sent: Saturday, November 25, 2000 4:15 PM
> Subject: [icomr75] 5 kHz images
>
>
> > I'm currently experiencing a problem whereby very strong signals are
> double-spotting exactly 5 kHz away on some frequency ranges.
> >
> > Has anyone else experienced this phenomena or have any idea what the
cause
> may be?. Only started happening a few weeks back, and occurs regardless
of
> whether the preamps are switched in or out. There are no other obvious
> manifestations or general overloading problems apparent.
> >
> > I'm using an unmodified R75, with DSP and FL223 SSB filter added.
> >
> > Thanks!
> >
> >
> > Craig Seager
> > cseager@...
> >
> >
> > What frequencies ranges?
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>

101. UpGrade for M-7000 VS. 5.04, for use with ICOM R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-26 13:48:59 UTC
From: Ed Pusey
Topic: 101 Message: 101

Friends,
I am the owner of M-7000 VS. 5.04, SN# 11202. A series of questions I hope you could answer for me:
1. Availability of upgrade (hardware or software) and price to a □newer□ version from M-7000 VS. 5.04.
2. If □yes□ to #1, what benefits accrue from the upgrade?
3. Your recommendation, if any, on the optimum TNC software program to control the M-7000.
4. Any trade-in options from M-7000 to M-8000?
5. Does any combination of hardware/software you use/provide allow for □auto decoding□ of signals? I confess I□m a bit lazy, but more importantly, after several years of using the M-7000, if find (or presume) that since many of the signals I receive seem □undecodable□ (at least by me), that they are encrypted. Main challenge is that I□m never certain if I□m using the correct mode. For example, I□ve come across many signals that must be (I presume) at 72 baud that must be ARQ-E or ARQ-E3, or others at 96 baud that must be either of those two or ARQ M2/M4 (TDM Moore), but no amount of effort results in a decipherable output. I□m using a new ICOM R-75, which is light years ahead of my old Kenwood R-2000.
6. I□ve investigated sinking big bucks into a HOKA Gold Pro software package, but note they have very mixed reviews. Similarly I□ve looked at ads for the wildly expensive WAVECOM computer plug-in boards, but the latter is clearly out of my reach, so I□m looking for advice.
Appreciate your time and assistance. Hope to hear from you soon.
Sincerely,
Ed Pusey

[Non-text portions of this message have been removed]

102. Re: Birdie Frequency List

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-26 14:48:10 UTC
From: Gert Nilsson
Topic: 87 Message: 102

I checked the birdies (internally generated signals) in my R75.
Operating conditions were USB, normal selectivity and PBT centered. 3
kinds of birdies was discovered:

Associated with the BFO frequency:

453.5 and harmonics 907.0 , 1350.5 and 1814 kHz

Associated with the mixing from 9010 to 455 kHz IF moving when the
PBT is used:
9465 (= 455+9010)
1871
5885
9882
16980
23004
25494
27983

Unknown origin
19660
19991
22579
29491

Very strong signals on the high frequency shortwave bands did leak
into the receiver despite a shorted antenna input.

When receiving I have found some strange signals in the 25 meter band
associated with the PBT, just audible on very weak signals as a
whistling sound changing with PBT settings.

The preamplifier 2 is too sensitive for operation on the AM band and
produces a lot of second and 3rd order intermodulation.

The preamplifier 1 is quite good. Not very much intermodulation above
1 MHz, probably due to the input passband filters, which are used
above 1,6 MHz.

However if you are interested in utility below 400 kHz here in Europe
you may have intermodulation from very strong longwave stations. 171
+ 189 kHz produce a signal on 360 kHz. This is a problem only if you
have very long antennas say beverages of 700 meters offering
impressive signals on longwave! The problem is the preamplifier, not
the first mixer. I can use a homebuilt broadband preamplifier with a
2N5109 transistor replacing the PRE1 without any intermoduulation.

103. Re: ICOM vs. Sony

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-26 15:54:05 UTC
From: Gerry Busch
Topic: 87 Message: 103

At 07:06 PM 11/25/2000 -0000, Eddie Bryant wrote:

>I must agree completely. And the radio has lasted for quite a few
>years as a superior radio. The 2010 is more portable (somewhat) than
>the R75 for people that need a smaller radio to travel with.

Right now my 2010 can't be used very effectively as a portable. The blown FET has seen to that, because the reduced sensitivity makes performance poor with the telescopic whip. Also, there's the well-known problem of memories and clock being totally reset if the computer batteries work loose, as they often do when the set is bounced around a bit. In all the time I've had the thing I've used it as a table radio, so the R75 is now the only receiver I'm using.

And yes, bravo to ICOM for the R75's internal shielding (I've seen those internal photos)! The metal cabinet seems quite rugged, too. If I had my way, ALL digital equipment would be properly shielded, including computers, fax machines, music keyboards, etc., all of which generate wide-band RFI. Had to move my listening post out of my home office into a separate room in order to escape the RFI from the computer and fax machine; the fax machine's clock circuit and the computer's power supply are still putting out even when the devices are not actually running. I can usually get around interference from TV screens by using the R75's twin PBT on my target station, but that doesn't help me one bit with the digital stuff.

Gerry

104. Another Happy R-75 Modification (and other things)

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-26 22:23:02 UTC
From: lsnwnn@home.com
Topic: 104 Message: 104

1000 thank you's to Rado for posting the
AGC and Sync modification for the R-75.

I can definately hear smoother sound on the
AM band, what a welcome relief. I also hear
the momentary tone when I engage the S-AM,
as reported by others. I did not add the 20K
resistor, as I don't really listen to AM for
sound, I listen for DX, so that mod doesn't
seem to be that important to me...but maybe
I am missing the point of the S-AM (since it
never worked before).

My question would be, what does the S-AM really
do for you ??? The AGC mod is obvious to my ears.
Does the S-AM simply reduce the effects of skywave
fading, or does it actually give you better
audio response ???

My last HF radio was a RS DX150A, and it has not
been turned on in years, and years, and years.
I bought the R-75 in January and have been rather
pleased, except for rather harsh sounding audio.
I have yet to find an external speaker that makes
me happy either.

Last...DO NOT even think of doing either mod unless
you have EXTREMELY good soldering skills. I know it's
been said before, but it is worth saying again. I've
been a darn good solderer for over 15 years and I
had a few 4-letter moments with this one !

Bill Nollman
Farmington, CT

105. Re: [icomr75] Another Happy R-75 Modification (and other things)

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-27 02:40:51 UTC
From: Eddie Bryant
Topic: 104 Message: 105

> My question would be, what does the S-AM really
> do for you ??? The AGC mod is obvious to my ears.
> Does the S-AM simply reduce the effects of skywave
> fading, or does it actually give you better
> audio response ???

Hello Bill,

I have found the Synchronous detection reduces the
distortion that is caused by fading. This is when your
S-meter takes a dip and things start to sound harsh or
unintelligible. Sometimes you will even lose the signal
all together. I must admit the first part of Rados mod.
does make it hard to hear the difference between having
the AM Synchronous on and having it off on the R75.
It is almost too perfect ! If you have another shortwave
tune it to the same frequency and listen to the difference
on a wavering or fading signal that the R75 makes.

There is a lot of technical explanation behind this but
basically the above is what it eliminates.

There was an article in last months Monitoring Times
that discussed the AM Synchronous detection in
more technical detail.

Eddie Bryant

106. Re: [icomr75] Birdie Frequency List

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-27 09:59:17 UTC
From: Zacharias Liangas
Topic: 87 Message: 106

YOU can see also my list of birdies in my web page which has nearly the full
list (except for the very very low birds)
The adress is
www.geocities.com/zliangas/rt75.htm
I used a very small jumper between 300 Ohm antenna in and ground

On 25 Nov 2000, at 22:51, you wrote:

> ----- Original Message -----
> From: Tony Berry <tyberry@...>
> To: <icomr75@egroups.com>
> Sent: Saturday, November 25, 2000 2:50 PM
> Subject: RE: [icomr75] Re: Rado mod report!
>
>
> > Hi Charles ,
> > I would be interested in the ''Birdie Frequencies''
> > Regards
> > Tony.
>
>
> Hello Tony,
>
> Let me also say that some of these were barely perceptable. I had to
> switch to SSB to even hear some of these. As I said before, none of
> these even move the S-meter. They are really down in the noise floor.
> With the antenna connected these will probably be hard to hear if at
> all.
>
> I did have my computer turned off for this test and the ANT 1 was
> terminated into a 50 Ohm non-inductive resistive load
>
> I did not get a chance to check my SONY 2010. I believe the internal
> antenna is always connected on it. I might get around to that later
>
> Here are the "Birdie Frequencies"
> ---------------------------------
> 58.981 29.490
> 56.525 27.033
> 55.677 25.495
> 54.066 24.575
> 51.610 23.004
> 49.237 20.540
> 49.150 19.660
> 46.693 17.203

> 44.236 14.745
> 41.980 11.975
> 39.921 9.830
> 36.863 9.462
> 34.406 4.517
> 33.993 0.455
> 30.000
> ---------------------------------
>
> Happy listening!
>
> Eddie Bryant
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>

_____
pen-DX sejak 72 - anggota World-DX-Club 2104,Play DX, dll
RX: R75/HF150/MVT7100 + 16m ant/1x1sqm + MFJ16010/1040/1025/752c/462
http://www.geocities.com/zliangas/trip2k.htm (to Bkk,SNG,BAli)
http://www.geocities.com/zliangas/index.htm(l) htm : frames
http://www.geocities.com/zliangas/shack3.htm Rx-system /Retziki

107. Filter Set Mode

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-28 01:18:41 UTC
From: jrev@ev1.net
Topic: 107 Message: 107

Has anyone found a sort-of "Factory default" set of settings for the filter selections? (Are would that be the 'oP 1 No' selection each time?) Really what I'm asking is has anyone found a sort of "sweet spot" of settings for all round general use.

I do a little of everything....AM, SSB, CW, Digital decoding. I find myself constantly fiddling with the filter set modes... which is fun and brings about lots of different results when copying and decoding digital signals. But is there one set of settings that is best for all round general use?

Is there a way to "reset to default" quickly?

108. MOD WARNING !!!

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-28 02:13:30 UTC
From: Radostin Danev
Topic: 108 Message: 108

The mod appears to be quite difficult. Here's a STRONG recommendation to the people who think of performing the mod to their R75s:

This recommendation will be included in the mod Ver. 1.1 instructions which I'll upload this week. (no more delays)

STRONGLY RECOMMENDED!

Take a junk surface-mount PCB (from VCR, TV etc.). Imagine this is your R75's main board.
Try performing the mod on some of the surface-mount ICs. See how's your success rate.
Then decide if you are capable of performing the mod on the real thing.

After finishing the Ver. 1.1 I'll try convincing iCOM or some other company to offer it as a fix. So everybody could have their R75s fixed.

Best regards,

Rado

109. SV: [icomr75] MOD WARNING !!!

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-28 08:19:15 UTC
From: Johan Letterstål
Topic: 109 Message: 109

Agree. I did that.
I took a PCB from an scraped cordless phone (the base-station) which contained some SMD-IC's. The pin-density was in fact even higher on these chips. Excersised on lifting pins: Heat and bend, heat and bend, heat and bend... ;-)

Mod works great. Thanks!

73 de Johan Letterstål, Saltsjö-Boo
Homepage: http://user.tninet.se/~zrk946c/dx.html (swedish)

-----Ursprungligt meddelande-----
Från: Radostin Danev <rado@...>
Till: icomr75@egroups.com <icomr75@egroups.com>
Datum: den 28 november 2000 03:13
Ämne: [icomr75] MOD WARNING !!!

>The mod appears to be quite difficult. Here's a STRONG recommendation to the
>people who think of performing the mod to their R75s:
>
>This recommendation will be included in the mod Ver. 1.1 instructions which
>I'll upload this week. (no more delays)
>
>
>STRONGLY RECOMMENDED!
>
>Take a junk surface-mount PCB (from VCR, TV etc.). Imagine this is your
>R75's main board.
>Try performing the mod on some of the surface-mount ICs. See how's your
>success rate.
>Then decide if you are capable of performing the mod on the real thing.
>
>
>
>After finishing the Ver. 1.1 I'll try convincing iCOM or some other company
>to offer it as a fix. So everybody could have their R75s fixed.
>
>Best regards,
>
> Rado
>
>
>
>To unsubscribe from this group, send an email to:
>icomr75-unsubscribe@egroups.com
>
>

>
>

110. ICOM Technical Support

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-28 12:45:57 UTC
From: Scott Medlin
Topic: 110 Message: 110

My appologies if I'm a bit late with this, but ICOM has just recently
posted direct E-mail addresses for technical support on their website.
Just click on your area of the world at the following URL:
http://www.icomamerica.com/support/email/index.html .

73's Scott
Southeast Tennessee

Do You Yahoo!?
Yahoo! Shopping - Thousands of Stores. Millions of Products.
http://shopping.yahoo.com/

111. Re: [icomr75] ICOM Technical Support

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-28 13:28:51 UTC
From: Tony Berry
Topic: 110 Message: 111

Thank you Scott! but ICOM is still being evasive as regards FAQS and mention of the R75!!!!!!!!! Ibelieve
they are actually pretending SYNCH AM DETECTION problem does not exist ! Okay there is a problem!!!!!! we all know about it !and it needs a fix at ICOMS exspense at the dealer where you bought it from where ever you live in the world .Its great that some people have the technical know how to fix the problem! Whats bugging me is that we have all been ripped off whether you agree or not ! we have bought a "pig in a poke " whether you admit to it or not !its as plain and simple as that!

As for myself I use AM SYNCH on SSB at times also AM and fiddle with the dial no Problem and Ime Happy ! you see I listen to shortwave USB ,LSB AND AM, UTILITIES and Ime having no problems with my handling of the Radio! perhaps that explains why ICOM has not responded to all this Synch detection ? if there is something wrong with the Synch am detection why have they not put in a call
for a fix!!!!!!!!!! and I am not prepared to so call modify it myself ?
Just my few cents worth !!!!
Tony,
----- Original Message -----
From: Scott Medlin
To: ICOMR75
Sent: Tuesday, November 28, 2000 12:45 PM
Subject: [icomr75] ICOM Technical Support

My appologies if I'm a bit late with this, but ICOM has just recently
posted direct E-mail addresses for technical support on their website.
Just click on your area of the world at the following URL:
http://www.icomamerica.com/support/email/index.html .

73's Scott
Southeast Tennessee

_____
Do You Yahoo!?
Yahoo! Shopping - Thousands of Stores. Millions of Products.
http://shopping.yahoo.com/

eGroups Sponsor

To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

[Non-text portions of this message have been removed]

112. R75 CW/SSB filter advice

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-28 14:33:18 UTC
From: Michael Oexner
Topic: 112 Message: 112

Hi all,

having operated an ICOM R71A very successfully for over a decade, I'm now very close to buying an ICOM R75 plus UT-106 DSP-unit. My R71A is equipped with the additional FL-44A SSB filter and the FL-63 250 Hz CW filter.

Last week I was on a business trip to Berlin and could test a "naked" R75 at an amateur radio dealer. Now I *know* that I want to have one!

My main DX interests are utility stations in general, and especially NDBs in the longwave band. For this reason I want an additional 250 Hz CW filter plus a 1.8 kHz SSB filter (basically the same setup as with my R71A).

The R75 would allow the following combinations:

A)
FL-53A 250 Hz CW filter in the 455 kHz IF
and
FL-223 1.9 kHz SSB filter in the 9 MHz IF

or

B)
FL-101 250 Hz CW filter in the 9 MHz IF
and
FL-222 1.8 kHz CW filter in the 455 kHz IF.

Neglecting any prices differences, what combination (A or B?) would make more sense from a technical point of view? My educated guess runs into the direction of combination A. In which way are the filters cascaded, i. e. would one of the above combinations be ruled out from that perspective?

Your expert input would be very much appreciated :-)

vy 73 + gd DX,

Michael

RX: ICOM R71A, Sony ICF-SW7600G, W&G SPM-3
Antenna: Radio West 22.5" ferrite loop with amplifier, 20m longwire, Wellbrook ALA 100
Location: Roschbach, Germany N 49?15' E 8?07'
Member: CSDXC, DSWCI, EUNL, LWCA, MWC
Editor of "The European NDB Handbook"
e-mail: michael.oexner@...

113. Re: [icomr75] ICOM Technical Support

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-28 15:06:00 UTC
From: Gerry Busch
Topic: 110 Message: 113

At 01:28 PM 11/28/2000 -0000, you wrote:

>Whats bugging me is that we have all been ripped off whether you agree
or not ! we have
>bought a "pig in a poke " whether you admit to it or not !its as plain
and simple as that!

The design flaw is well known, actually. Before I bought the radio I had done my homework, and so I already knew that the "S-AM" mode was inoperative, because this was mentioned in a review in the 2000 edition of WRTH. Since synch detection wasn't important to me, it didn't stop me from buying the R75, especially because my second choice would have been a Drake R8B, and there were a few things about the Drake I didn't care for.

I'm certainly not trying to legitimize ICOM's error, but nearly every electronic device I've purchased over the past 10-15 years has had one or more flaws; my Sony ICF-2010 is one instance I've already mentioned, but then there's the shoddy Compaq computer I'm writing this e-mail on (repaired during the warranty period, but the hardware problems came back to haunt me once the warranty ran out), my pocket organizer, which stopped working altogether after the warranty ran out, a Ricoh camera that developed a fatal flaw in its electronics, again after the warranty ran out, etc. etc.

Oh, and by the way: More than a decade ago I bought a Radio Shack DX-302 receiver; besides its poor performance, it also developed a flaw in the LED frequency display, so that some of the segments wouldn't light up.

Again, ICOM needs to address the synch detection issue, but it looks like things just get put on the market too quickly these days, before the bugs have been ironed out. Not to mention software!!

Gerry

114. Re: [icomr75] ICOM Technical Support

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-28 22:32:26 UTC
From: Daniel Neves
Topic: 110 Message: 114

O K Gerry...everything will be fine now.. thats why we are here for each other...at least Rado has fixed this up for us... five dollars worth of parts and solder, to make our radios perform like an HF1000!!
We should consider ourselves lucky to have him ...Thanks Rado!!
I personally cannot afford to buy an R75, but find this is a fantastic list.
I will read it till my boat comes in.
Anyone wanna buy a Pinto with newer Firestone tires?
Dan7
----- Original Message -----
From: "Gerry Busch" <gbusch@...>
To: <icomr75@egroups.com>
Sent: Tuesday, November 28, 2000 9:06 AM
Subject: Re: [icomr75] ICOM Technical Support

> At 01:28 PM 11/28/2000 -0000, you wrote:
>
> >Whats bugging me is that we have all been ripped off whether you agree
> or not ! we have
> >bought a "pig in a poke " whether you admit to it or not !its as plain
> and simple as that!
>
> The design flaw is well known, actually. Before I bought the radio I had
> done my homework, and so I already knew that the "S-AM" mode was
> inoperative, because this was mentioned in a review in the 2000 edition of
> WRTH. Since synch detection wasn't important to me, it didn't stop me
from
> buying the R75, especially because my second choice would have been a
Drake
> R8B, and there were a few things about the Drake I didn't care for.
>
> I'm certainly not trying to legitimize ICOM's error, but nearly every
> electronic device I've purchased over the past 10-15 years has had one or
> more flaws; my Sony ICF-2010 is one instance I've already mentioned, but
> then there's the shoddy Compaq computer I'm writing this e-mail on
> (repaired during the warranty period, but the hardware problems came back
> to haunt me once the warranty ran out), my pocket organizer, which stopped
> working altogether after the warranty ran out, a Ricoh camera that
> developed a fatal flaw in its electronics, again after the warranty ran
> out, etc. etc.
>
> Oh, and by the way: More than a decade ago I bought a Radio Shack DX-302
> receiver; besides its poor performance, it also developed a flaw in the
LED
> frequency display, so that some of the segments wouldn't light up.
>

> Again, ICOM needs to address the synch detection issue, but it looks like
> things just get put on the market too quickly these days, before the bugs
> have been ironed out. Not to mention software!!
>
> Gerry
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>

115. Re: [icomr75] ICOM Technical Support

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-29 01:01:53 UTC
From: Radostin Danev
Topic: 110 Message: 115

Hi Tony,

> Ibelieve they are actually pretending SYNCH AM DETECTION problem does not exist ! Okay
> there is a problem!!!!!! we all know about it !and it needs a fix at ICOMS exspense at the dealer
> where you bought it from where ever you live in the world .Its great that some people have the
> technical know how to fix the problem! Whats bugging me is that we have all been ripped off
> whether you agree or not ! we have bought a "pig in a poke " whether you admit to it or not !its as
> plain and simple as that!

There is one more thing to consider. If everything was OK with the R75 then it would not sell for $500. I personally prefer to buy it cheap and to modify it. So the iCOM flaw is beneficial in some way.

Best regards,

Rado

116. Re: [icomr75] ICOM Reputation

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-29 02:17:58 UTC
From: Eddie Bryant
Topic: 116 Message: 116

I considered the Drake R8B before taking the leap and
getting my R75. The R8 has gone through it's steps for
improvement too and I have even heard of mods. for the
R8B have to configure a shield of some sort to isolate the
interference from the noisy LCD display.I just could not
pocket the higher price of the R8B that tops $1000.00
(US) New.
I like the idea of the quality construction that ICOM is so
well known for. Like Rado said, a radio of this quality
especially with the current specials underway would be hard
to beat. I think the radio should be priced in a much higher
price range.
I have several other ICOMs and have owned KENWOODs
as well. ICOM does seem to be the leader now in many areas.
I also like the options that are available for the R75 and even
though this radio has the minor problem with the AM Sync.
it really shines in all the other areas.

Even if you took your ICOM to a local radio shop and had the
mod. performed by a technician you would still come out
cheaper than buying a Drake R8B.

I have even considered offering to modify R75's for people
that are in the situation of not having the technical know-
how or knowledge to do it. It is really a straight forward mod.
for an experienced technician with the right equipment. I
have just been waiting to hear ICOM's response if there is
one. They have already said it is OK to mod. the radio as long
as proper techniques and practices are observed and the radio
is not damaged in the process. Hopefully we will hear from
ICOM on this situation if enough people voice their opinions
on it.

Eddie Bryant

>--- Original Message -----
>From: Radostin Danev <rado@...>
> There is one more thing to consider. If everything was OK with the R75
then
> it would not sell for $500. I personally prefer to buy it cheap and to
> modify it. So the iCOM flaw is beneficial in some way.

117. Re: R-75 vs. R8B

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-29 02:02:58 UTC
From: Gerry Busch
Topic: 117 Message: 117

Bruce Jensen wrote:
>
> > ...my second choice would have been a
> Drake R8B, and there were a few things about the Drake
> I didn't care for.<
>
> I am curious, Gerry - what was it about the Drake that
> turned you away?

Well, I'm aware of Drake's long-standing reputation, of course, but I prefer a good, smooth, weighted tuning dial like the R75 has, since I rely heavily on the VFO; I rarely use the scanning features, in fact. The Drake R8B's dial wasn't quite what I was looking for. Also, when I saw that the R75's VFO could tune in 1 hz steps, I was sold on it, esp. after having been limited to .1 kHz steps by the Sony 2010.

I also preferred the R75's extended coverage: Up to 60 mHz.

Drake's display is not as easy for me to read as that of the ICOM, and I don't like the layout of the R8B's controls, either.

These are all subjective reasons, of course. I'm sure the Drake R8B is a fine radio overall.

Naturally the ICOM was less expensive, that didn't even come into consideration.

Regards,
Gerry

118. AM -SYNCH

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-30 01:24:11 UTC
From: Tony Berry
Topic: 118 Message: 118

Hello All,
at the moment I have 1560 NY DISNEY on the R-75 using S-AM,
using the wide filter and it has not been modified !and its a clear
S9 considering New York City is about 500 miles from Southern Ontario
Canada could not ask for anything better ! the time here is 8pm EST
and the news is on! could not ask for anything better !!!!with due
respect to Rado ,I really cannot justify modifying this Radio! unless
somebody can explain to me why it would be a asset and not just a
figment of imagination that it would sound better , I admit I dont
use AM to much mostly listen to shortwave, SSB, Utilities, this 1560
NEW YORK STATION on AM S-SYNCH right now is perfect and if it wasnt
all I would do would switch to SSB and its still Perfect ??? I am
telling you this as I actually bought the 100uf capacitor today,to
do the mod ! Ime sorry but Ime telling it as it is !!!!

Regards
Tony Berry.

119. Hi list

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-30 03:12:55 UTC
From: Enrique A. Wembagher
Topic: 119 Message: 119

Hi list !
Yesterday I received the r75, recently I bought the rx via Universal Radio.
I am a listener and dxer for but of 20 years and electronic technician.
After a lot to think and to investigate opted for him because it have with
A-NOTCH, DSP, PBT, syncronous detector (I will make the mod of Rado !!),
and according to the tests that I read it is a very good receiver, keeping
in mind their price.
I believe that it should have better rx as the nrd545, but their cost is
much bigger.
I also possess a tabletop Yaesu FRG-8800, Sangean ATS 909 and a wideband
scanner Yupiteru MVT-7100.
My FRG-8800 is a very good receiver, but I was surprised filters of the R75!
To rabid noise in 4875 khz you converted in to radio station of Bolivia in
the R75, with the filter in WIDE mode!
Could some of you tell me according to their experiences which the best
combination of filters is to select to make according to the sign type to
listen? for example AM, SSB for decoding, etc...
I am in many lists but this it is fantastic!
Sorry for my english
Cordial greetings,
73?s
Enrique

****
Enrique A. Wembagher
Buenos Aires
Argentina
eawemb@...
****

120. Re: AM -SYNCH

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-30 03:27:10 UTC
From: jrev@ev1.net
Topic: 118 Message: 120

You're lucky I guess. My am-s makes things worse. Can't use it at all most of the time. However, once in a bluemoon it works like magic! Don't know why. But 97 percent of the time it doesn't work. I have made comparisons with my R5000, NRD525, and r71a. None of these have sync. yet sound better with less fading on AM than the R-75 with the AM-S on! I like the radio....but the AM-S simply doesn't work on mine, and in fact, as Passport pointed out, makes things worse so that it is useless.

--- In icomr75@egroups.com, "Tony Berry" <tyberry@h...> wrote:
> Hello All,
> at the moment I have 1560 NY DISNEY on the R-75 using S-AM,
> using the wide filter and it has not been modified !and its a clear
> S9 considering New York City is about 500 miles from Southern Ontario
> Canada could not ask for anything better ! the time here is 8pm EST
> and the news is on! could not ask for anything better !!!!with due
> respect to Rado ,I really cannot justify modifying this Radio! unless
> somebody can explain to me why it would be a asset and not just a
> figment of imagination that it would sound better , I admit I dont
> use AM to much mostly listen to shortwave, SSB, Utilities, this 1560
> NEW YORK STATION on AM S-SYNCH right now is perfect and if it wasnt
> all I would do would switch to SSB and its still Perfect ??? I am
> telling you this as I actually bought the 100uf capacitor today,to
> do the mod ! Ime sorry but Ime telling it as it is !!!!
>
> Regards
> Tony Berry.

121. Re: Hi list

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-30 03:36:00 UTC
From: jrev@ev1.net
Topic: 119 Message: 121

Hi Enrique,

I have asked the same question about the filters....but so far no one has had an answer.

If I set it up for decoding digital then I am not altogether happy when I listen to Broadcast and vice versa. I think there is a magic combination out there somewhere that I could live with if I can just find it! Guess I am just lazy and hoped someone else had already discovered it ;-). Then again 'diddling' with the filters is sort of fun!

--- In icomr75@egroups.com, "Enrique A. Wembagher" <Eawemb@i...> wrote:
> Hi list !
> Yesterday I received the r75, recently I bought the rx via Universal Radio.
> I am a listener and dxer for but of 20 years and electronic technician.
> After a lot to think and to investigate opted for him because it have with
> A-NOTCH, DSP, PBT, syncronous detector (I will make the mod of Rado !!),
> and according to the tests that I read it is a very good receiver, keeping
> in mind their price.
> I believe that it should have better rx as the nrd545, but their cost is
> much bigger.
> I also possess a tabletop Yaesu FRG-8800, Sangean ATS 909 and a wideband
> scanner Yupiteru MVT-7100.
> My FRG-8800 is a very good receiver, but I was surprised filters of the R75!
> To rabid noise in 4875 khz you converted in to radio station of Bolivia in
> the R75, with the filter in WIDE mode!
> Could some of you tell me according to their experiences which the best
> combination of filters is to select to make according to the sign type to
> listen? for example AM, SSB for decoding, etc...
> I am in many lists but this it is fantastic!
> Sorry for my english
> Cordial greetings,
> 73´s

> Enrique
>
>
> ****************************
> Enrique A. Wembagher
> Buenos Aires
> Argentina
> eawemb@i...
> ****************************

122. R75 Filter Questions

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-30 04:01:14 UTC
From: khgrant@ix.netcom.com
Topic: 122 Message: 122

I've been a bit of a lurker here for a while. Its encouraging to see the number of messages increasing in this group.

I'm somewhat confused about how the 9Mhz and 455kHz filters in the R75 are used. The manual is not helpful at all. Are the two sets of filters always used in series with one another? i.e is there always a 9Mhz filter (of some bw) in one IF as well as a 455kHz filter in the next IF? How does one choose which BW filter to use in each position for a particular listening situation?

For example, I listen to UTEs a lot and choose the 2.4 kHz filter for this. I also use SSB for AM (I havn't done the mod yet). For AM work I would like a wider BW; do I only get a new 455 filter? Or would I be better off with a new 9Mhz filter as well?

I'm also confused about the filter setup menu. Here the manual really sucks. Anyone have a good explanation about how to use this?

I've heard someone (perhaps on StrongSignals.net) has a paper for sale that explains some of this, but I'm hoping someone can help provide information that Icom left out.

thx

Keith

123. RE: [icomr75] R75 Filter Questions

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-30 04:44:50 UTC
From: Enrique A. Wembagher
Topic: 122 Message: 123

I agree.
The manual doesn't help a lot.

Enrique

> -----Mensaje original-----
> De: khgrant@... [mailto:khgrant@...]
> Enviado el: Jueves, 30 de Noviembre de 2000 01:01
> Para: icomr75@egroups.com
> Asunto: [icomr75] R75 Filter Questions
>
>
> I've been a bit of a lurker here for a while. Its encouraging to see
> the number of messages increasing in this group.
>
> I'm somewhat confused about how the 9Mhz and 455kHz filters in the R75
> are used. The manual is not helpful at all. Are the two sets of
> filters always used in series with one another? i.e is there always a
> 9Mhz filter (of some bw) in one IF as well as a 455kHz filter in the
> next IF? How does one choose which BW filter to use in each position
> for a particular listening situation?
>
> For example, I listen to UTEs a lot and choose the 2.4 kHz filter for
> this. I also use SSB for AM (I havn't done the mod yet). For AM work I
> would like a wider BW; do I only get a new 455 filter? Or would I be
> better off with a new 9Mhz filter as well?
>
> I'm also confused about the filter setup menu. Here the manual really
> sucks. Anyone have a good explanation about how to use this?
>
> I've heard someone (perhaps on StrongSignals.net) has a paper for sale
> that explains some of this, but I'm hoping someone can help provide
> information that Icom left out.
>
> thx
>
> Keith

124. More ? Re: Filter Selection - Anybody Knowledgeable?

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-30 06:38:02 UTC
From: jjga@usa.net
Topic: 124 Message: 124

I also wonder which filters to buy/install/use depending on your listening preferences and/or priorities.

I don't have the R75 yet but want to know before-hand which filters will work better, regardless of price.

If you want to fill both filter positions (9 & .455) which ones you should get by intermediate frequency if priority is:

1. world radio broadcasts ONLY
2. world radio broadcasts AND utilities (SSB voice transmissions)
3. utilities AND digital modes (RTTY/CW)
4. world radio, general SSB, RTTY/CW, a little bit of all three

Can anybody write the manual on it?! Please be clear and specific about which filter to use and where to install it.

Several 'filter-related-replies' so far in the group, but none really 'comprehensible', 'convincing' yet, IMMO.

It would help many people, it would be a 'doc' that should be placed in the 'files' section of the eGroup, I feel.

Anybody?!

Thanks,

J a s o n

125. Re: [icomr75] R75 Filter Questions

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-30 09:43:51 UTC
From: Gert Nilsson
Topic: 122 Message: 125

In the R75 you always have a 15 kHz 9MHz filter ahead of the noise blanker and the other filters. In AM wide the 9Mz filter is bypassed but in other settings you have a good 9Mz filter followed by a good 455 kHz filter making the selectivity excellent.
Settting the selectivity:
If you press the filter button for 2 seconds you get into the filter selection mode. Pressing the up or down button selects the narrow, normal or wide position for the different IFs. Rotating the tuning knob choose among the filters. I have the 2,8 kHz filter for 9MHz and 3,3 kHz for 455 kHz IF. I have the following setting for SSB:
Narrow: 2,4 + 2,4 (2,15 kHz total)
Normal 2,8 + 3,3
Wide 15 + 3,3

Sometimes I use 2,4 +3,3 in the narrow mode with a total bandwidth of 2,45 kHz
----- Original Message -----
From: khgrant@...
To: icomr75@egroups.com
Sent: Thursday, November 30, 2000 4:01 AM
Subject: [icomr75] R75 Filter Questions

I've been a bit of a lurker here for a while. Its encouraging to see
the number of messages increasing in this group.

I'm somewhat confused about how the 9Mhz and 455kHz filters in the R75
are used. The manual is not helpful at all. Are the two sets of
filters always used in series with one another? i.e is there always a
9Mhz filter (of some bw) in one IF as well as a 455kHz filter in the
next IF? How does one choose which BW filter to use in each position
for a particular listening situation?

For example, I listen to UTEs a lot and choose the 2.4 kHz filter for
this. I also use SSB for AM (I havn't done the mod yet). For AM work I
would like a wider BW; do I only get a new 455 filter? Or would I be
better off with a new 9Mhz filter as well?

I'm also confused about the filter setup menu. Here the manual really
sucks. Anyone have a good explanation about how to use this?

I've heard someone (perhaps on StrongSignals.net) has a paper for sale
that explains some of this, but I'm hoping someone can help provide
information that Icom left out.

thx

Keith

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[Non-text portions of this message have been removed]

126. Re: [icomr75] More ? Re: Filter Selection - Anybody Knowledgeable?

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-30 09:54:52 UTC
From: Gert Nilsson
Topic: 124 Message: 126

My personal opinions:

1. world radio broadcasts ONLY

455 kHz filters can not be used in the AM-S mode but in AM mode. I would recommend the 3,3 kHz for 455 kHz and 2,8 kHz for 9MHz (Used in the narrow or medium positions)

2. world radio broadcasts AND utilities (SSB voice transmissions)

I think 2,8 + 3,3 kHz would be good but a 1,9 kHz and 2,8 kHz would be fine too.

3. utilities AND digital modes (RTTY/CW)
1,9 kHz in both IFs or 1,9 + 0,5 kHz

4. world radio, general SSB, RTTY/CW, a little bit of all three

No obvious choice, you can´t get it all If you choose 2,8 + 1,9 you miss the tight CW option but this would be my choice.

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[Non-text portions of this message have been removed]

127. Re: R75 Filter Questions

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-30 16:34:52 UTC
From: khgrant@ix.netcom.com
Topic: 122 Message: 127

Gert:

Thanks for your reply! Your explanation helps me a lot.

One question though: If you have a 2.4kHz filter for 9MHz, what is the effect of having a wider (3.3kHz) filter for 455? Isn't the effective bandwitdh of the resulting signal still 2.4kHz? Or do the skirts of the 3.3kHz filter help out with selectivity in some way? Or does this somehow improve PBS?

Still learning,

Keith

--- In icomr75@egroups.com, "Gert Nilsson" <gert.nilsson@m...> wrote:
> In the R75 you always have a 15 kHz 9MHz filter ahead of the noise blanker and the other filters. In AM wide the 9Mz filter is bypassed but in other settings you have a good 9Mz filter followed by a good 455 kHz filter making the selectivity excellent.
> Settting the selectivity:
> If you press the filter button for 2 seconds you get into the filter selection mode. Pressing the up or down button selects the narrow, normal or wide position for the different IFs. Rotating the tuning knob choose among the filters. I have the 2,8 kHz filter for 9MHz and 3,3 kHz for 455 kHz IF. I have the following setting for SSB:
> Narrow: 2,4 + 2,4 (2,15 kHz total)
> Normal 2,8 + 3,3
> Wide 15 + 3,3
>
> Sometimes I use 2,4 +3,3 in the narrow mode with a total bandwidth of 2,45 kHz
< snip..>

128. More ? Re: Filter Selection - Anybody Knowledgeable?

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-30 16:39:13 UTC
From: khgrant@ix.netcom.com
Topic: 124 Message: 128

Gert:

Thanks for the filter selection information. In (1) you mention that 455kHz filters can't be used for AM-S. Is this because no 455 kHz is enbled by the radio in this mode? If so, why would they do this?

Thanks for the help.

Keith

--- In icomr75@egroups.com, "Gert Nilsson" <gert.nilsson@m...> wrote:
> My personal opinions:
>
> 1. world radio broadcasts ONLY
>
> 455 kHz filters can not be used in the AM-S mode but in AM mode. I would recommend the 3,3 kHz for 455 kHz and 2,8 kHz for 9MHz (Used in the narrow or medium positions)
>
> 2. world radio broadcasts AND utilities (SSB voice transmissions)
>
> I think 2,8 + 3,3 kHz would be good but a 1,9 kHz and 2,8 kHz would be fine too.
>
> 3. utilities AND digital modes (RTTY/CW)
> 1,9 kHz in both IFs or 1,9 + 0,5 kHz
>
> 4. world radio, general SSB, RTTY/CW, a little bit of all three
>
> No obvious choice, you can´t get it all If you choose 2,8 + 1,9 you miss the tight CW option but this would be my choice.
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>

>
>
>
> [Non-text portions of this message have been removed]

129. Re: [icomr75] Re: AM -SYNCH

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-30 16:43:16 UTC
From: Gerry Busch
Topic: 118 Message: 129

jrev@... wrote:
>
> You're lucky I guess. My am-s makes things worse. Can't use it at
> all most of the time. However, once in a bluemoon it works like
> magic! Don't know why.

I just discovered that yesterday, too. My R75 is unmodified, but when S-AM is on I can definitely make it lock and unlock by tuning across the frequency. In my case it doesn't help a lot, but it doesn't spoil anything, either. Seems to work best with a wide or normal filter, not with a narrow one.

What I forgot to do yesterday was turn off the feature that defaults to straight AM when the signal is too weak. A fading signal kept toggling the synch mode on and off, so if the R75's synch detector would have had any effect on distortion due to fading, I wouldn't have heard it anyway.

Still crazy about the ICOM R75, though!

Gerry

130. Re: [icomr75] R75 Filter Questions

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-30 16:33:34 UTC
From: Gerry Busch
Topic: 122 Message: 130

Gert Nilsson wrote:

> If you press the filter button for 2 seconds you get into the filter selection mode. Pressing the up or down button selects the narrow, normal or wide position for the different IFs. Rotating the tuning knob choose among the filters. I have the 2,8 kHz filter for 9MHz and 3,3 kHz for 455 kHz IF. I have the following setting for SSB:
> Narrow: 2,4 + 2,4 (2,15 kHz total)
> Normal 2,8 + 3,3
> Wide 15 + 3,3

That helps quite a bit, Gert. As others have said, the manual isn't too clear on this; to make it a bit clearer: Filter combinations can be stored for each of the modes. While you are in the filter set menu, just activate the mode for which you want to set up some filters, e.g. SSB, CW, AM, by pressing the key for that mode. You'll see the corresponding indicator appear in the filter menu.

For each of those modes you can select the filter pair to use for "narrow" (shown in the menu by N), "wide" (W) or default (no letter will appear).

Once you have established your settings by pressing the filter button once more to exit the menu, you will find that the filter combinations are different for each mode in which you listen. This alleviates the necessity for finding one setting that will suit all the modes, as the receiver will remember your preferences. You can always override them on a case by case basis, too. As you may already have noticed, any frequency you write to memory will be stored with the filter combination in use at the time.

Hope I didn't confuse anyone still further. It basically takes a bit of experimentation and practice to compensate for the lack of more detailed instructions in the user manual.

Regards,
Gerry

131. Re: [icomr75] Re: R75 Filter Questions

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-30 18:48:52 UTC
From: Gert Nilsson
Topic: 122 Message: 131

The skirts will be much better with the 3,3 kHz filter! A 2,8 kHz would be perfect for this purpose.
----- Original Message -----
From: khgrant@...
To: icomr75@egroups.com
Sent: Thursday, November 30, 2000 4:34 PM
Subject: [icomr75] Re: R75 Filter Questions

Gert:

Thanks for your reply! Your explanation helps me a lot.

One question though: If you have a 2.4kHz filter for 9MHz, what is
the effect of having a wider (3.3kHz) filter for 455? Isn't the
effective bandwitdh of the resulting signal still 2.4kHz? Or do the
skirts of the 3.3kHz filter help out with selectivity in some way? Or
does this somehow improve PBS?

Still learning,

Keith

--- In icomr75@egroups.com, "Gert Nilsson" <gert.nilsson@m...> wrote:
> In the R75 you always have a 15 kHz 9MHz filter ahead of the noise
blanker and the other filters. In AM wide the 9Mz filter is bypassed
but in other settings you have a good 9Mz filter followed by a good
455 kHz filter making the selectivity excellent.
> Settting the selectivity:
> If you press the filter button for 2 seconds you get into the
filter selection mode. Pressing the up or down button selects the
narrow, normal or wide position for the different IFs. Rotating the
tuning knob choose among the filters. I have the 2,8 kHz filter for
9MHz and 3,3 kHz for 455 kHz IF. I have the following setting for SSB:
> Narrow: 2,4 + 2,4 (2,15 kHz total)
> Normal 2,8 + 3,3
> Wide 15 + 3,3
>
> Sometimes I use 2,4 +3,3 in the narrow mode with a total bandwidth
of 2,45 kHz
< snip..>

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[Non-text portions of this message have been removed]

132. Re: [icomr75] More ? Re: Filter Selection - Anybody Knowledgeable?

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-30 18:49:58 UTC
From: Gert Nilsson
Topic: 124 Message: 132

I don´t know why they do this!
----- Original Message -----
From: khgrant@...
To: icomr75@egroups.com
Sent: Thursday, November 30, 2000 4:39 PM
Subject: [icomr75] More ? Re: Filter Selection - Anybody Knowledgeable?

Gert:

Thanks for the filter selection information. In (1) you mention that
455kHz filters can't be used for AM-S. Is this because no 455 kHz is
enbled by the radio in this mode? If so, why would they do this?

Thanks for the help.

Keith

--- In icomr75@...m, "Gert Nilsson" <gert.nilsson@m...> wrote:
> My personal opinions:
>
> 1. world radio broadcasts ONLY
>
> 455 kHz filters can not be used in the AM-S mode but in AM mode. I
would recommend the 3,3 kHz for 455 kHz and 2,8 kHz for 9MHz (Used in
the narrow or medium positions)
>
> 2. world radio broadcasts AND utilities (SSB voice transmissions)
>
> I think 2,8 + 3,3 kHz would be good but a 1,9 kHz and 2,8 kHz
would be fine too.
>
> 3. utilities AND digital modes (RTTY/CW)
> 1,9 kHz in both IFs or 1,9 + 0,5 kHz
>
> 4. world radio, general SSB, RTTY/CW, a little bit of all three
>
> No obvious choice, you can´t get it all If you choose 2,8 + 1,9 you
miss the tight CW option but this would be my choice.
>
>
>
>
>
>
>
>

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>
> [Non-text portions of this message have been removed]

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133. More ? Re: Filter Selection - Anybody Knowledgeable?

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-30 19:51:57 UTC
From: khgrant@ix.netcom.com
Topic: 124 Message: 133

Thanks for all your help. I now have a better understanding of the filter setup.

Keith

--- In icomr75@egroups.com, "Gert Nilsson" <gert.nilsson@m...> wrote:
> I don´t know why they do this!
> ----- Original Message -----
> From: khgrant@i...
> To: icomr75@egroups.com
> Sent: Thursday, November 30, 2000 4:39 PM
> Subject: [icomr75] More ? Re: Filter Selection - Anybody Knowledgeable?
>
>
> Gert:
>
> Thanks for the filter selection information. In (1) you mention that
> 455kHz filters can't be used for AM-S. Is this because no 455 kHz is
> enbled by the radio in this mode? If so, why would they do this?
>
> Thanks for the help.
>
> Keith
>

134. Re: R75 Filter Questions

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-11-30 19:55:38 UTC
From: khgrant@ix.netcom.com
Topic: 122 Message: 134

Gerry:

Thanks for that bit about setting up filters for each width setting.
I had overlooked that one. I'll play with it some more tonight.

Keith

135. More ? Re: Filter Selection - Anybody Knowledgeable?

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-01 00:57:45 UTC
From: jjga@usa.net
Topic: 124 Message: 135

--- In icomr75@egroups.com, khgrant@i... wrote:
> Thanks for all your help. I now have a better understanding of the
> filter setup.
>
> Keith

Me too! Nearly. It won't be until I actually have the Rx and 'play with it' that I will definitely know if I did O.K. (or not) by getting the FL-257 (3.3/455) and the FL-223 (1.9/ 9). It looks that's what I 'need' to both improve ECSS reception of shortwave broadcasts (priority #1) and at the same time 'separate' rather well close-by 'hams' or other utilities in crowded SSB conditions (priority #2).

Or SHOULD I GET THE 2.8 (455) instead (of the 3.3)?! Hmmmmmmm!

Please Gert et al, let me know if I'm doing it wrong, I still can change my order w/ Universal Radio, they won't have the filters in stock until the end of the month! (I won't even get the rig 'til next week, and I am already suffering knowing I won't be able to do myself the 'famous' AGC/S-AM mod from Rado since I CAN'T SOLDER, geez!) Feel free to post or send me directly your welcomed comments.

By the way, any other place in the U.S. other than Universal where I can get the filters at a competitive price? AES? HRO had the 257 for ¡¡¡$199.00!!!, way too expensive.

Since I started this thread, a big THANKS to all the people that, one way or another, are helping the 'community' figuring out this filter-stuff by taking part in the discussion.

J a s o n

136. Re: [icomr75] More ? Re: Filter Selection - Anybody Knowledgeable?

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-01 04:07:38 UTC
From: Dr.Sharko
Topic: 124 Message: 136

----- Original Message -----
From: <jjga@...>
To: <icomr75@egroups.com>
Sent: Thursday, November 30, 2000 4:57 PM
Subject: [icomr75] More ? Re: Filter Selection - Anybody Knowledgeable?

--- In icomr75@egroups.com, khgrant@i... wrote:
> Thanks for all your help. I now have a better understanding of the
> filter setup.
>
> Keith

Me too! Nearly. It won't be until I actually have the Rx and 'play with it' that I will definitely know if I did O.K. (or not) by getting the FL-257 (3.3/455) and the FL-223 (1.9/ 9). It looks that's what I 'need' to both improve ECSS reception of shortwave broadcasts (priority #1) and at the same time 'separate' rather well close-by 'hams' or other utilities in crowded SSB conditions (priority #2).

Or SHOULD I GET THE 2.8 (455) instead (of the 3.3)?! Hmmmmmmm!

Please Gert et al, let me know if I'm doing it wrong, I still can change my order w/ Universal Radio, they won't have the filters in stock until the end of the month! (I won't even get the rig 'til next week, and I am already suffering knowing I won't be able to do myself the 'famous' AGC/S-AM mod from Rado since I CAN'T SOLDER, geez!) Feel free to post or send me directly your welcomed comments.

By the way, any other place in the U.S. other than Universal where I can get the filters at a competitive price? AES? HRO had the 257 for ???$199.00!!!, way too expensive.

Since I started this thread, a big THANKS to all the people that, one way or another, are helping the 'community' figuring out this filter-stuff by taking part in the discussion.

J a s o n

Just got mine out of the box. I have the FL257/3.3 kHz-(455 kHz) and the Fl103/2.8 kHz (9 mHz)
Works perfect for ECSS of broadcast stations. SAM isn't needed with this set up, which is good
because I am too chicken to do the mod.
Dr.Sharko

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icomr75-unsubscribe@egroups.com

137. RE: [icomr75] More ? Re: Filter Selection - Anybody Knowledgeable?

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-01 05:11:58 UTC
From: Ken
Topic: 124 Message: 137

Well, let me add my 2 cents worth in to further confuse the issue :).

I originally thought that the 3.3 KHz 455 KHz filter and the 1.9 KHz filter would be an excellent combination.... and it is, for AM... the 3.3 filter works very well for MW and strong broadcasters. However, I find myself using the R75 for utility listening most of the time, so I've changed my plan...

One of the things I found was that the filters do not work by themselves... there is a 9 MHz filter in line BEFORE the 455 filter. I knew that, but didn't think about it when I choose the filters...

So what? It seems to me, and this is PURELY personal, that the radio sounds much better if the 9MHz filter is wider than the 455... kind of like a funnel if you want to think of it that way. It works with the 455 wider, but it doesn't quite sound right to me... almost like the second filter doesn't really do anything (which it really doesn't do much).

With the 3.3 filter and a wider 9 MHZ filter (the built in 15), the audio on a clean signal was quite good... of course, you can use the built in 15 and built in 6 too, and get wider audio if the signal's that clean :)

So I've replaced the 3.3 with a 1.9 (FL222 is incorrectly specified as 1.8 in much of the early literature and catalogs, and even in the radio, but the filter and the package indicated 1.9) for SSB. I left the 1.9 in place at 9MHz, and this creates an excellent SSB Narrow mode. It also makes a not too bad AM Narrow mode, but it's a bit too narrow to listen to much in AM mode (I tend to use ECSS anyway for DX that's not good enough to run AM, rather than sync...No RADO mod here :)).

Also remember that EACH MODE has filter settings! There's a Narrow, Wide and "normal" mode for each mode. So for AM Wide, I have 15 and 15 (as I remember), for AM Narrow I have 2.4 and 1.9 (I think) and for AM normal 15 and 6. Narrow is really too narrow, and the 3.3 filter worked very well here for both narrow and normal, but my priority is SSB....

For SSB, I have 2.4, 2.4 for Normal, 1.9 and 1.9 for Narrow, and 15 and 2.4 for Wide. Wide works fairly well for ECSS and both Normal and Narrow work well for uitlity listening... I use normal most of the time (which really means I would not have had to add a filter at all!).

I hope this helps...

Ken

> Me too! Nearly. It won't be until I actually have the Rx and 'play
> with it' that I will definitely know if I did O.K. (or not) by
> getting the FL-257 (3.3/455) and the FL-223 (1.9/ 9). It looks

> that's what I 'need' to both improve ECSS reception of shortwave
> broadcasts (priority #1) and at the same time 'separate' rather well
> close-by 'hams' or other utilities in crowded SSB conditions
> (priority #2).
>
> Or SHOULD I GET THE 2.8 (455) instead (of the 3.3)?! Hmmmmmmm!
>
> Please Gert et al, let me know if I'm doing it wrong, I still can
> change my order w/ Universal Radio, they won't have the filters in
> stock until the end of the month! (I won't even get the rig 'til next
> week, and I am already suffering knowing I won't be able to do myself
> the 'famous' AGC/S-AM mod from Rado since I CAN'T SOLDER, geez!) Feel
> free to post or send me directly your welcomed comments.
>
> By the way, any other place in the U.S. other than Universal where I
> can get the filters at a competitive price? AES? HRO had the 257 for
> ???$199.00!!!, way too expensive.
>
> Since I started this thread, a big THANKS to all the people that, one
> way or another, are helping the 'community' figuring out this filter-
> stuff by taking part in the discussion.
>
> J a s o n
>
>
> Just got mine out of the box. I have the FL257/3.3 kHz-(455 kHz) and the
> Fl103/2.8 kHz (9 mHz)
> Works perfect for ECSS of broadcast stations. SAM isn't needed
> with this set
> up, which is good
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> Dr.Sharko
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>

138. R75 mod Ver. 1.1 uploaded & a suggestion

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-01 06:32:32 UTC
From: Radostin Danev
Topic: 138 Message: 138

Hi group,

I've just uploaded mod Ver. 1.1 in the "R75 mods" folder together with some other files.

For those who cannot or don't have the courage to perform the mod here is a suggestion:

Contact "Kiwa Electronics" at:
http://www.kiwa.com/
Send them the modification instructions and ask if they can perform the mod for you. They offer many modifications for other receivers so I think they'll be happy to help. If there are enough requests they can implement the mod as standard offering and even improve it.
The information about the modification is ABSOLUTELY free. If they are worried about using it please tell them to contact me for assurance.
Ask them to perform the full mod Ver. 1.1. If you are not happy with the slow PLL part then it is very easy to cut and insulate the wire from pin 3.

If somebody knows of other company or person who can perform the mod - please share the information with the group.

Best regards,

Rado

139. Reply from KIWA

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-01 17:58:51 UTC
From: Daniel Neves
Topic: 139 Message: 139

Hello R75ers!
Below is a reply to an Email I sent on our behalf. Sounds like something we can all get behind.
Thanks again to Rado..

Thanks for your email. I would be happy to take on the R-75 mods. Any details regarding the S meter and AGC mods would be appreciated.

We would require an R75 here at Kiwa so we can go over the receiver, make some measurements regarding the filters etc. We would be happy to perform any desired mods if you were to send one here. Our policy is that we do not charge for labor, only parts as required for receivers that are used as test models for any upgrades. This allows us the opportunity to test new receivers without the expense of purchase. It also saves money for the customer.

Let me know if this sounds like something you would like to do. The schedule here is very busy with Christmas orders, so we would not be in a position to do any upgrades until after Christmas.

Kind Regards,

Craig/Kiwa

[Non-text portions of this message have been removed]

140. Synch AM vs ECSS

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-01 22:30:53 UTC
From: dschre@goodnet.com
Topic: 140 Message: 140

With my R70, I've become accustomed to using ECSS since the receiver doesn't support synch AM. The question arises: does ECSS provide most of the benefits of SAM or not?

I want to purchase the R75, but am not sure that initially I would do the mod if I could get by with ECSS. Would I be reasonably satisfied with ECSS for digging out the tough DX on AM shortwave, since I'm fairly adept at using it after years with the R70? Technically speaking, what do we give up by using ECSS instead of SAM?

Thanks for any advice.

141. Re: Synch AM vs ECSS

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-02 01:33:30 UTC
From: khgrant@ix.netcom.com
Topic: 140 Message: 141

I havn't made the mod yet, so I do a lot of ECSS am listening. It
works great for me.

Keith
--- In icomr75@egroups.com, dschre@g... wrote:
> With my R70, I've become accustomed to using ECSS since the
receiver
> doesn't support synch AM. The question arises: does ECSS provide
> most of the benefits of SAM or not?
>
> I want to purchase the R75, but am not sure that initially I would
do
> the mod if I could get by with ECSS. Would I be reasonably
> satisfied with ECSS for digging out the tough DX on AM shortwave,
> since I'm fairly adept at using it after years with the R70?
> Technically speaking, what do we give up by using ECSS instead of
SAM?
>
> Thanks for any advice.

142. Re: Synch AM vs ECSS

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-02 03:20:19 UTC
From: jjga@usa.net
Topic: 140 Message: 142

I'm happy ECSS works great for you, K. but that was not the question.

A well-designed S-AM circuit, that is a good lower AND upper sideband S-AM synch detector (à la Sony ICF-2010, Drake R8B...) eliminates interference from adjacent interfering stations, 'clarifies' the signal you want to listen to, AND usually maintains or even improves the (very relative) 'fidelity' of that AM signal. It shouldn't degrade things, if it works as supposed (?!).

ECSS does a bit the same and is a GREAT tool to have, but inevitably sometimes affects the 'natural' sound of the AM voices since it's SSB, and the narrower bandwidth doesn't exactly reproduces the same quality of voice the 'carrier signal' has. My ears can tell the difference. I also 'feel' that ECSS doesn't always TOTALLY eliminate the adjacent unwanted station. You can get close by using a still narrower filter, but there it goes down the drain whatever 'fidelity' was left. I had the 2010, a Drake now, an R75 in transit that I plan to (have somebody else) modify using Rado's 1.1 AGC/S-AM mod.

Besides, having to ECSS often and manually adds some extra steps to the tuning process. Fortunately you can now set stations AND settings in memory (like in the R75) and just recall them when you want. S-AM is quite straight: just hit a button, that's it usually, you need little 'fiddling' with the other radio controls (PBT, etc.). In other words, it's nice to have, IMHO.

Hope it helped. If I said something very wrong, please fellows correct me. I'm open-minded, and certainly not an expert.

J a s o n

--- In icomr75@egroups.com, khgrant@i... wrote:
> I havn't made the mod yet, so I do a lot of ECSS am listening. It
> works great for me.
>
> Keith
> --- In icomr75@egroups.com, dschre@g... wrote:
> > With my R70, I've become accustomed to using ECSS since the
> receiver
> > doesn't support synch AM. The question arises: does ECSS provide
> > most of the benefits of SAM or not?
> >
> > I want to purchase the R75, but am not sure that initially I
would
> do
> > the mod if I could get by with ECSS. Would I be reasonably

> > satisfied with ECSS for digging out the tough DX on AM shortwave,
> > since I'm fairly adept at using it after years with the R70?
> > Technically speaking, what do we give up by using ECSS instead of
> SAM?
> >
> > Thanks for any advice.

143. Re: Synch AM vs ECSS

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-02 04:08:29 UTC
From: jjga@usa.net
Topic: 140 Message: 143

I forgot to state: I use ECSS myself quite a bit, don't take me wrong. I only have S-AM in one Rx now, I HAVE TO go the 'exalted-carried' way often, and I like it. But the 'ex-musician' in me can tell a 'certain' audio quality difference that usually goes in favor of S-AM, when all other factors are equal. That's what I meant to say. Besides, sometimes S-AM alone doesn't cut the mustard, you need.....TO ECSS quite a few signals! It's nice to have both...working well. :-)

J a s o n

144. Re: Synch AM vs ECSS

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-02 06:13:09 UTC
From: dschre@goodnet.com
Topic: 140 Message: 144

Thanks for all the observations.

I also wondered after reading more recently about how SAM works, whether SAM compensates for signals that drift (on the transmitting end, not receiver drift). At times I find with ECSS that I have to fiddle with the RIT to keep the signal listenable. I thought the explanation was that SAM could "track" the signal better, if the frequency shifted somewhat.

145. Re: Synch AM vs ECSS

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-02 06:35:59 UTC
From: jjga@usa.net
Topic: 140 Message: 145

--- In icomr75@egroups.com, dschre@g... wrote:
> Thanks for all the observations.

You're welcome.
>
> ...At times I find with ECSS that I have to
> fiddle with the RIT to keep the signal listenable. I thought the
> explanation was that SAM could "track" the signal better, if the
> frequency shifted somewhat.

That's what 'locking in' the (S)AM signal is and does, it works against 'fading', keeps reception of the frequency more 'stable' (when it's 'good' and doesn't lose hold of it), less 'drifting', thus more 'readable' than, you're right, with ECSS sometimes. But we are talking here about a good, single-sideband-capable synch detector, not the 'primitive' ones like those in the R75, Drake R8 & R8A (the R8B has a nice one!), etc. that can't discriminate SB (sidebands).

Talking about that, I almost can't believe other notable companies still haven't been able to 'duplicate' (to put it that way) the 'performance' of the original <$500.00 succesful detector of the ICF-2010 which starting selling (and still is!) ¡¡¡15!!! years ago. Shame on you, Icom. Hope 'they' read this. My gut feeling!

J a s o n

146. Re: [icomr75] Synch AM vs ECSS

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-02 10:35:53 UTC
From: Gert Nilsson
Topic: 140 Message: 146

S-AM is better than ECSS on clear channel with weak signals or signals effected by fading. However the ECSS is very good on the R75 with the 1 Hz resolution. You can't tell the difference on speech. Of course music is better with S-AM

When it get really tough with a lot of close in interference S-AM is not good at all. It always locks on the strongest station´. This is especially so when you have this kind of S-AM with a large lock-in-range. Lock in range of the R75 is +/- 3 kHz. If I listen on 1600 kHz for a US station and have the Colombian on 1600,08 It always locks on the strongest carrier. On my R71 with a +/- 30 Hz lock-in-range phase locked AM circuit I can put it in USB with 2,8 kHz filter and lock to the Colombian, even if it is weaker

Perhaps there is a possibilty to narrow the lock in range of the Sync AM in the R75 making it useful even for hard to get stations.

[Non-text portions of this message have been removed]

147. Re: Synch AM vs ECSS

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-02 17:19:53 UTC
From: dschre@goodnet.com
Topic: 140 Message: 147

This discussion thread has been very useful for me.

Another tack - would the addition of a Sherwood SE-3(?) to the R75 be a cost-effective move? And is it generally considered a worthy unit, based on your observations about the R8B and the 2010? Somewhere I remember reading that the IF output on the R75 made the use of the SE-3 a little more complicated than on other receivers.

Dick Schreiber

148. R75 with makeshift antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-03 20:00:38 UTC
From: Gerry Busch
Topic: 148 Message: 148

Since my outdoor active antenna is permanently mounted too close to the computers in my home office and the weather is too cold right now to go out and move it, I recently relocated my ICOM R75 to the living room. The problem then was to find a suitable temporary antenna. There's about 50 feet of 75 ohm coax going through the living room wall and running under our mobile home (on blocks, no foundation). Some of the cable is even coiled up and lying on the ground; it comes out at the utility post where our phone junction box is mounted. As you may have guessed, the coax is for cable TV. We cancelled our cable service quite a while back, so the coax is totally dead. I therefore hooked the living room end of the outer coax shield to the antenna connector of the R75 (nothing to the ground connector) in an attempt to create a makeshift random wire antenna, and decided this would have to do until I could relocate the outdoor antenna.

Well, not only does the coax setup work, but it works better than the active antenna, and is almost as broad-banded, too. In fact, yesterday I discovered that skip conditions were bringing in strong FM signals between 30 and 40 mHz from fire departments 1500 miles or more away from me. Until then I had written off those frequencies as short-range ones that are not in use in my area. Signals in all the HF bands are about the same strength as before, but the background noise (esp. from the digital stuff in the office) has dropped significantly. Now I may not even bother moving the active antenna at all.

At any rate, the R75 made it possible, because the coax shield didn't work as an external antenna for my other receiver (the Sony 2010).

Gerry

149. ECSS

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-04 03:23:12 UTC
From: Enrique A. Wembagher
Topic: 149 Message: 149

Hello list,
I am beginning to know to the rx.
In my Yaesu FRG8800 the technique works very well, but in the R75 it is not very remarkable.
Can I be mistaking the procedure? is different in the R75?
I don't really like the manual, I am not a newcomer in SW but I would not like to be it to understand this manual.
Very 73?s
Enrique

****
Enrique A. Wembagher
Buenos Aires
Argentina
eawemb@...
****

150. RE: [icomr75] More ? Re: Filter Selection - Anybody Knowledgeable?

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-04 23:17:05 UTC
From: Enrique A. Wembagher
Topic: 124 Message: 150

Hi R75ers !

Ken has been very illustrative!

For default the R75 this is:
For 9MHz/455 kHz
AM Normal 15 6
AM/N 2.4 2.4
AN/W 15 15
SSB 2.4 2.4
SSB/N Off
SSB/W 15 2.4

And in the manual he gives as example:

Normal 2.4 2.4
Narrow off 2.4
Wide 15 2.4
It doesn't specify MODE

Does somebody want to indicate their combination of filters that they are
those included in the rx (not optionals) ?
What is best choice according to the MODE ?
Thanks in advance
73?s
Enrique

> -----Mensaje original-----
> De: Ken [mailto:armadillo@...]
> Enviado el: Viernes, 01 de Diciembre de 2000 02:12
> Para: icomr75@egroups.com
> Asunto: RE: [icomr75] More ? Re: Filter Selection - Anybody
> Knowledgeable?
>
>
>
>
> Well, let me add my 2 cents worth in to further confuse the issue :).
>
> I originally thought that the 3.3 KHz 455 KHz filter and the 1.9
> KHz filter
> would be an excellent combination.... and it is, for AM... the 3.3 filter
> works very well for MW and strong broadcasters. However, I find
> myself using
> the R75 for utility listening most of the time, so I've changed my plan...
>

> One of the things I found was that the filters do not work by
> themselves...
> there is a 9 MHz filter in line BEFORE the 455 filter. I knew that, but
> didn't think about it when I choose the filters...
>
> So what? It seems to me, and this is PURELY personal, that the
> radio sounds
> much better if the 9MHz filter is wider than the 455... kind of like a
> funnel if you want to think of it that way. It works with the 455
> wider, but
> it doesn't quite sound right to me... almost like the second
> filter doesn't
> really do anything (which it really doesn't do much).
>
> With the 3.3 filter and a wider 9 MHZ filter (the built in 15),
> the audio on
> a clean signal was quite good... of course, you can use the built
> in 15 and
> built in 6 too, and get wider audio if the signal's that clean :)
>
> So I've replaced the 3.3 with a 1.9 (FL222 is incorrectly specified as 1.8
> in much of the early literature and catalogs, and even in the
> radio, but the
> filter and the package indicated 1.9) for SSB. I left the 1.9 in place at
> 9MHz, and this creates an excellent SSB Narrow mode. It also
> makes a not too
> bad AM Narrow mode, but it's a bit too narrow to listen to much in AM mode
> (I tend to use ECSS anyway for DX that's not good enough to run AM, rather
> than sync...No RADO mod here :)).
>
> Also remember that EACH MODE has filter settings! There's a
> Narrow, Wide and
> "normal" mode for each mode. So for AM Wide, I have 15 and 15 (as I
> remember), for AM Narrow I have 2.4 and 1.9 (I think) and for AM normal 15
> and 6. Narrow is really too narrow, and the 3.3 filter worked
> very well here
> for both narrow and normal, but my priority is SSB....
>
> For SSB, I have 2.4, 2.4 for Normal, 1.9 and 1.9 for Narrow, and
> 15 and 2.4
> for Wide. Wide works fairly well for ECSS and both Normal and Narrow work
> well for uitlity listening... I use normal most of the time (which really
> means I would not have had to add a filter at all!).
>
> I hope this helps...
>
> Ken

151. Re: [icomr75] R75 mod Ver. 1.1 uploaded & a suggestion

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-05 00:57:03 UTC
From: Perge
Topic: 138 Message: 151

Where is the R-75 sync mod located-url? Thanks,Joe.

Radostin Danev wrote:
>
> Hi group,
>
> I've just uploaded mod Ver. 1.1 in the "R75 mods" folder together with some
> other files.
>
> For those who cannot or don't have the courage to perform the mod here is a
> suggestion:
>
> Contact "Kiwa Electronics" at:
> http://www.kiwa.com/
> Send them the modification instructions and ask if they can perform the mod
> for you. They offer many modifications for other receivers so I think
> they'll be happy to help. If there are enough requests they can implement
> the mod as standard offering and even improve it.
> The information about the modification is ABSOLUTELY free. If they are
> worried about using it please tell them to contact me for assurance.
> Ask them to perform the full mod Ver. 1.1. If you are not happy with the
> slow PLL part then it is very easy to cut and insulate the wire from pin 3.
>
> If somebody knows of other company or person who can perform the mod -
> please share the information with the group.
>
> Best regards,
>
> Rado
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com

152. Re: [icomr75] R75 mod Ver. 1.1 uploaded & a suggestion

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-05 02:31:28 UTC
From: Radostin Danev
Topic: 138 Message: 152

Hi Perge,

In the Files section of the group. Here's the URL:

http://www.egroups.com/files/icomr75/

Best regards,

Rado

153. rado mod v1.1 update/report

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-06 03:31:14 UTC
From: yuf@phoenixdsl.com
Topic: 153 Message: 153

Well, I have to rave about the update. The S-AM is so completely useful now. I must heartily recommend the mod, but repeat earlier warnings.

Warning story: I broke pin 23 completely off, and had to resort to some guerilla hacking to attach a trace and finish the mod.
All has turned out well, but I was certainly over my head.

BTW, I'm using a 10kOhm resistor with great results.

Also, I'd like to tell everyone that I discovered that those little tiny tweezer like probes used by hardware guys on chips can provide a wonderfully unintrusive way of doing this without solder. I'm using them on both pin 3 and 4 now with no problems. Essentially just clamp onto the pin in question.

Solder most certainly makes a better connection, but this makes trying out the AGC mod a virtual no brainer for the solder inexperienced.

-yuf

154. Homebrew Computer Control?

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-06 18:48:07 UTC
From: Scott Robson
Topic: 154 Message: 154

Hi Everyone

I recently purchased the R75 radio with the computer software. I don;t expect delivery until mid December by which time I will have left for a one month vacation. Anyway in the mean time I have begun to think about the computer control software and whether it is possible to write our own software for it? Are the command codes known? Is this just a crazy idea or is it possible?

I ask this because if it is possible, I'd like to co-ordinate an effort to do just this. So if you are interested in pursuing this idea, email me and let me know! If you don;t care, you can stop reading now :)

OK, for those interested. I must warn you, my programing skills are not great, but I consider myself competent enough to be able to learn more and tackle this project. I am also skilled only in programing in the Linux environment with C and gnome/GTK. This does not mean there can;t be two efforts, one involving a windows program and one involving a linux version. Code can be swapped between the two projects Im sure. I have no idea how good the ICOM software is, but usually there is room for improvement. I have noticed the winradio team have really put alot of focus on unique ways to program their units and many users have come up with loads of interesting little programs to do cool stuff, like auto-recording to hard-disk of signals and automatic decoding of RTTY etc. If it is possible with the R75 I'd like to try.

So if you are interested please email me and let me know. I will be travelling until Jan 16th at which time I will get back to home base and will be able to start playing with my radio. I can still read my email while I'm away. In the mean time, maybe those who are interested can start throwing some ideas together. Those who are not interested and are still reading, feel free to tell us what you would like to see added to computer control software. I'll look forward to hearing any interest in this idea.

Scott

--

Scott Robson (PhD Student)
Department of Biochemistry
UConn Health Centre
263 Farmington Avenue
Farmington, Connecticut 06032-3305 USA
----

155. More ? Re: Filter Selection - Anybody Knowledgeable?

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-07 06:36:24 UTC
From: Michael Moore
Topic: 124 Message: 155

--- In icomr75@egroups.com, "Enrique A. Wembagher" <Eawemb@i...>
wrote:
> Hi R75ers !
>
> Ken has been very illustrative!
>
> For default the R75 this is:
> For 9MHz/455 kHz
> AM Normal 15 6
> AM/N 2.4 2.4
> AN/W 15 15
> SSB 2.4 2.4
> SSB/N Off
> SSB/W 15 2.4
>
> And in the manual he gives as example:
>
> Normal 2.4 2.4
> Narrow off 2.4
> Wide 15 2.4
> It doesn't specify MODE
>
>
> Does somebody want to indicate their combination of filters that
they are
> those included in the rx (not optionals) ?
> What is best choice according to the MODE ?
> Thanks in advance
> 73´s
> Enrique

AM normal 15 6
AM wide 15 15 (a little too wide)
AM narrow 15 2.4 (much too narrow)

SSB normal 2.4 2.4
SSB wide none -- (really need optional filters here)
SSB narrow none --

With optional filters
AM narrow 15 3.3
SSB wide 2.8 3.3/2.8

--
Michael Moore

156. Re: Homebrew Computer Control?

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-07 06:59:47 UTC
From: yuf@phoenixdsl.com
Topic: 154 Message: 156

--- In icomr75@egroups.com, Scott Robson <scott@p...> wrote:
> Hi Everyone
>
> I recently purchased the R75 radio with the computer software. I
don;t
> expect delivery until mid December by which time I will have left
for a
> one month vacation. Anyway in the mean time I have begun to think
about
> the computer control software and whether it is possible to write
our
> own software for it? Are the command codes known? Is this just a
crazy
> idea or is it possible?
>
> I ask this because if it is possible, I'd like to co-ordinate an
> and tackle this project. I am also skilled only in programing in the
> Linux environment with C and gnome/GTK. This does not mean there
can;t
> be two efforts, one involving a windows program and one involving a
> linux version. Code can be swapped between the two projects Im sure.

I would be very interested in getting a Linux interface working
for this. I too have some experience with C and general unix
programming.

Per your question about the specification, check out the manual and
you will find the data types on page 40. It looks like a fairly
simple protocol, but I haven't studied it enough to know how complete
it is.

-yuf

157. Re: [icomr75] Re: Homebrew Computer Control?

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-07 16:29:54 UTC
From: Scott Robson
Topic: 154 Message: 157

Hi Everyone again,

yuf@... wrote:

> I would be very interested in getting a Linux interface working
> for this. I too have some experience with C and general unix
> programming.
>
> Per your question about the specification, check out the manual and
> you will find the data types on page 40. It looks like a fairly
> simple protocol, but I haven't studied it enough to know how complete
> it is.

This is a good sign! I have since done some web browsing myself and have discovered another product (shareware) for controlling the radio under windows. Maybe a further windows controller is not really needed (unless people really want a freeware one).

Anyway I agree with you Yuf, a Linux interface would be a great idea. Any linux heads out there wanna help out? Please email me and Yuf.

Other members of the list, please feel free to contribute to the project. Your input regarding features you would want to see will be greatly appreciated. Until I have a good read of the manual, I wont really know what can actually be implemented, but any idea is a good idea and can be worked on.

Scott

--

_____
Scott Robson (PhD Student)
Department of Biochemistry
UConn Health Centre
263 Farmington Avenue
Farmington, Connecticut 06032-3305 USA
_____

158. RE: [icomr75] Homebrew Computer Control?

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-08 02:26:12 UTC
From: Enrique A. Wembagher
Topic: 154 Message: 158

Scott,
That is a great idea!
Although it likes me a lot to the Smart Icom of Mark Fine, it is very good
for those that want to have more options.
In the manual they figure many commands I believe they should be useful.
It hurts that I don't know anything about programming.
Hopefully those that know help.
73?s
Enrique

> -----Mensaje original-----
> De: Scott Robson [mailto:scott@...]
> Enviado el: Mi?rcoles, 06 de Diciembre de 2000 15:48
> Para: icomr75@egroups.com
> Asunto: [icomr75] Homebrew Computer Control?
>
>
> Hi Everyone
>
> I recently purchased the R75 radio with the computer software. I don;t
> expect delivery until mid December by which time I will have left for a
> one month vacation. Anyway in the mean time I have begun to think about
> the computer control software and whether it is possible to write our
> own software for it? Are the command codes known? Is this just a crazy
> idea or is it possible?
>
> I ask this because if it is possible, I'd like to co-ordinate an effort
> to do just this. So if you are interested in pursuing this idea, email
> me and let me know! If you don;t care, you can stop reading now :)
>
> OK, for those interested. I must warn you, my programing skills are not
> great, but I consider myself competent enough to be able to learn more
> and tackle this project. I am also skilled only in programing in the
> Linux environment with C and gnome/GTK. This does not mean there can;t
> be two efforts, one involving a windows program and one involving a
> linux version. Code can be swapped between the two projects Im sure. I
> have no idea how good the ICOM software is, but usually there is room
> for improvement. I have noticed the winradio team have really put alot
> of focus on unique ways to program their units and many users have come
> up with loads of interesting little programs to do cool stuff, like
> auto-recording to hard-disk of signals and automatic decoding of RTTY
> etc. If it is possible with the R75 I'd like to try.
>
> So if you are interested please email me and let me know. I will be
> travelling until Jan 16th at which time I will get back to home base and

> will be able to start playing with my radio. I can still read my email
> while I'm away. In the mean time, maybe those who are interested can
> start throwing some ideas together. Those who are not interested and are
> still reading, feel free to tell us what you would like to see added to
> computer control software. I'll look forward to hearing any interest in
> this idea.
>
> Scott
>
> --
> _____________________________________
> Scott Robson (PhD Student)
> Department of Biochemistry
> UConn Health Centre
> 263 Farmington Avenue
> Farmington, Connecticut 06032-3305 USA
> _____________________________________
>

159. RE: [icomr75] More ? Re: Filter Selection - Anybody Knowledgeable?

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-08 02:33:32 UTC
From: Enrique A. Wembagher
Topic: 124 Message: 159

Hi Michael !
thanks for you info
73?s
Enrique

> -----Mensaje original-----
> De: Michael Moore [mailto:m.moore@...]
> Enviado el: Jueves, 07 de Diciembre de 2000 03:36
> Para: icomr75@egroups.com
> Asunto: [icomr75] More ? Re: Filter Selection - Anybody Knowledgeable?
>
>
> AM normal 15 6
> AM wide 15 15 (a little too wide)
> AM narrow 15 2.4 (much too narrow)
>
> SSB normal 2.4 2.4
> SSB wide none -- (really need optional filters here)
> SSB narrow none --
>
>
> With optional filters
> AM narrow 15 3.3
> SSB wide 2.8 3.3/2.8
>
>
> --
> Michael Moore

160. Re: R75 or AOR 7300+

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-08 08:01:17 UTC
From: Pat F8AIH
Topic: 54 Message: 160

TO Mark TURNER

Hi Mark, Hi listmembers

I read with great interest your posting about IC-R75 and AOR-7030+
A friend of mine is about to purchase one of these recievers but he
still doesn't know which one to chose... His main interest is NDB
DX'ing (NDBs are these beacons transmitting CW in the range 285>450
KHz approx).

So it could be very nice if you could try to catch a few of these NDB
and tell me the difference between both sets. I know AOR-7030+ is
very sensitive for LF listening but I was told R75 was not too bad.
As you can run both receivers side-by-side there's no better way for
my friend to make up his mind.

Sorry for my english and many thanks for your help.

Pat in the French Alps

161. MP3 plugin for receivers?

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-08 11:56:53 UTC
From: Zacharias Liangas
Topic: 154 Message: 161

Just a little idea and question.
This time i m highly involved with MP3 and players /recorders and their . What is your opinion that a HF receiver could implement a small MP3 recorder player ?

---
pen-DX sejak 72 - anggota World-DX-Club 2104,Play DX, dll
RX: R75/HF150/MVT7100 + 16m ant/1x1sqm + MFJ16010/1040/1025/752c/462
http://www.geocities.com/zliangas/trip2k.htm (to Bkk,SNG,BAli)
http://www.geocities.com/zliangas/index.htm(l) htm : frames
http://www.geocities.com/zliangas/shack3.htm Rx-system /Retziki

162. R75 missing time

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-09 06:04:32 UTC
From: tradio2k@gateway.net
Topic: 162 Message: 162

I have had my R75 for about 3 weeks and it appears that the clock is losing time. I set it on wwv (dead on) and now it is about 15 seconds slow. The radio is kept in a controlled environment so I don't think it is a temperature thing and I'm pretty sure that wwv is pretty stable so, what's the deal? Has anyone else noticed this? Thanks for any responses!
Mike
KF8ZK

163. Re: [icomr75] R75 missing time

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-09 13:59:04 UTC
From: Björn Danielsson
Topic: 162 Message: 163

----- Original Message -----
From: <tradio2k@...>
To: <icomr75@egroups.com>
Sent: Saturday, December 09, 2000 7:04 AM
Subject: [icomr75] R75 missing time

> I have had my R75 for about 3 weeks and it appears that the clock is losing
> time. >
KF8ZK
>

My R75 is also losing some time. It seems to be "normal" for Icom radios.?
I had a R72 before and that also where losing time but much faster than my R75.

Maybe someone knows how to fix it?

Björn Danielsson, Sweden

164. Hello

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-09 16:13:40 UTC
From: Bob Barr
Topic: 164 Message: 164

I just joined the group. I never knew it existed until I saw a reference to it on Monitoring Times Chat Board. Looks like a great resource. I am anxious to catch up on past posts, especially regarding the sync detector performance (or lack of.) Like many others, I am disappointed in the sync detector's performance, especially given the price of the receiver and ICOM's reputation in the market. The sync detector on my Drake SW-2 was heads above the ICOM's. I have had my R75 with DSP and the stock filters for about three months now and am having a ball with its many features. I have started "listening" in on PSK31 comms on the ham bands using Digipan as well as listening more to utility comms. Until next time, 73s.

Bob

165. UT-106 DSP Install Instructions Incomplete?

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-09 19:26:16 UTC
From: Rich
Topic: 165 Message: 165

Hi,
I bought my R75 just before Thanksgiving and am really enjoying it. This is my first receiver since the 1960's so I don't have any recent/valid comparisons. I got the DSP unit (UT-106) yesterday and installed it today. It seems to work well (it is quieter on AM). I do have some issues with the installation of the DSP.
The installation (based on the IC-R75 manual) is (I believe) incomplete. I work with computers so I have only minor (cautious) hesitation when adding/removing equipment. Perhaps some of you are more adept at interpreting these instructions - more power to you.
The specific steps that need clarification are in the UT-106 DSP install on page 35 and numbered below.
2) "Remove the shielding plate." If the drawing was not present/hadn't taken of the bottom cover I would not have easily found this (i.e.,it is not labeled - I matched up the shape, drawing to actual shield).
3) " connect the cable to J1 on the UT-106." Well, I could not see the J1 marking anywhere on the UT-106 (perhaps it is covered up on my unit - but it was the only connector that matched). I also had some difficulty removing these connectors - they appear to have a small locking tab. I used slight pressure, applied to a slot in it's side, from a very small screwdriver to release it from it's socket.
6) "Attach the Velcro tape as shown at right." After attaching the Velcro and fastening the DSP to the main unit I noticed that the flat cable, at the connection point to the DSP, was askew. In attempting to seat it I found a solder joint that resembled a blob that had pushed the cable aside. I gently lifted the cable, above this blob, and seated it fully. This could just be on my DSP board but feel you should know in case someone else encounters the same thing. Is this poor soldering? I don't know.
The last thing I encountered was in replacing the covers (bottom & top, in that order). After sliding the bottom cover into place and replacing it's 2 screws I proceeded to install the top cover. The top 4 screws went in fine. The 4 side screws (2 for each side) did not properly align. Working backwards I removed the top cover and examined the bottom cover while it was still attached. Apparently I had slid the front of the bottom cover in place while the back was not fully in place (i.e., flush). I removed the screws, seated the cover so it was flush, and reassembled the rest of the unit successfully.
To further obfuscate the installation I had one part left over. It is not mentioned anywhere in the page 35 installation instructions. The UT-106 did come with it's own instructions for 2 other receivers called the IV-706MKII and the IC-PCR1000 in English and Japanese (?).

Apparently this is an "Insulating case" used only with the IC-PCR1000. Hmmm - this I should know? I troubles me to have unidentified parts left over. I presume I have solved this problem.
I don't think (IMHO) that I am nitpicking when it comes to enhancing something this complicated - especially if this is unfamiliar territory (as it is for me).
I hope this helps someone else facing the same/similar situation - good luck to all (but most of all have fun!).
Rich
ps - My compliments to Rado for having the skill/guts to go in the box and solder the S-AM fix. I would love to have that feature working better but will not risk doing damage in such tight quarters.

166. Re: UT-106 DSP Install Instructions Incomplete?

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-10 01:30:20 UTC
From: jrev@ev1.net
Topic: 165 Message: 166

Thanks Rich, I have printed your comment out and have added it to my manual. I don't have the DSP. But if I add it I will have your email by my side.

Mine is an early R75 that was bought before Icom offered the free DSP. Hoping they would reward "early buyers" with atleast a discount (after all if not for early buyers on a new model where would the company be???) I called them and ask how much would a DSP would cost me.
They quoted me a price higher than their "a ???? value" price in their adds (actual price in adds escapes me now). They wanted $170 for the DSP. Now in reality I admit I didn't actually do the early buying of this radio. Someone else did and then I ended up with the radio. Point is Icom doesn't know this. they don't know the other person gave the radio to me. As far as they know I am the orginal buyer of the radio and want to charge me $170 for the DSP. Go figure.

I love my "75". Have about 10 high end radios and am more impressed with the 75 as each day goes by. Great for Digital decoding. I am decoding a surface fax from the U.S. Airforce right now with it. No fidgiting around with the freq. and filters like I have to do with the R5000 or R71A or NRD525. the 75 almost takes the fun out of digital decoding it is so fast to set up. (put it on freq., push the fax button, turn on the M7000, push the fax setting, turn on the monitor, ...bingo.....instant fax....I've never had it so good!)

Sure would like for Icom to atleast let me buy the filter for what their adds say it is worth though, instead of more.

--- In icomr75@egroups.com, "Rich " <richman9x@z...> wrote:
> Hi,
> I bought my R75 just before Thanksgiving and am really enjoying it.
> This is my first receiver since the 1960's so I don't have any
> recent/valid comparisons. I got the DSP unit (UT-106) yesterday and
> installed it today. It seems to work well (it is quieter on AM). I do
> have some issues with the installation of the DSP.
> The installation (based on the IC-R75 manual) is (I believe)
> incomplete. I work with computers so I have only minor (cautious)
> hesitation when adding/removing equipment. Perhaps some of you are
> more adept at interpreting these instructions - more power to you.
> The specific steps that need clarification are in the UT-106 DSP
> install on page 35 and numbered below.
> 2) "Remove the shielding plate." If the drawing was not

> present/hadn't taken of the bottom cover I would not have easily
> found this (i.e.,it is not labeled - I matched up the shape, drawing
> to actual shield).
> 3) " connect the cable to J1 on the UT-106." Well, I could not
> see the J1 marking anywhere on the UT-106 (perhaps it is covered up
> on my unit - but it was the only connector that matched). I also had
> some difficulty removing these connectors - they appear to have a
> small locking tab. I used slight pressure, applied to a slot in it's
> side, from a very small screwdriver to release it from it's socket.
> 6) "Attach the Velcro tape as shown at right." After attaching the
> Velcro and fastening the DSP to the main unit I noticed that the
flat
> cable, at the connection point to the DSP, was askew. In attempting
> to seat it I found a solder joint that resembled a blob that had
> pushed the cable aside. I gently lifted the cable, above this blob,
> and seated it fully. This could just be on my DSP board but feel you
> should know in case someone else encounters the same thing. Is this
> poor soldering? I don't know.
> The last thing I encountered was in replacing the covers (bottom &
> top, in that order). After sliding the bottom cover into place and
> replacing it's 2 screws I proceeded to install the top cover. The
top
> 4 screws went in fine. The 4 side screws (2 for each side) did not
> properly align. Working backwards I removed the top cover and
> examined the bottom cover while it was still attached. Apparently I
> had slid the front of the bottom cover in place while the back was
> not fully in place (i.e., flush). I removed the screws, seated the
> cover so it was flush, and reassembled the rest of the unit
> successfully.
> To further obfuscate the installation I had one part left over. It
> is not mentioned anywhere in the page 35 installation instructions.
> The UT-106 did come with it's own instructions for 2 other receivers
> called the IV-706MKII and the IC-PCR1000 in English and Japanese
(?).
> Apparently this is an "Insulating case" used only with the
> IC-PCR1000. Hmmm - this I should know? I troubles me to have
> unidentified parts left over. I presume I have solved this problem.
> I don't think (IMHO) that I am nitpicking when it comes to
> enhancing something this complicated - especially if this is
> unfamiliar territory (as it is for me).
> I hope this helps someone else facing the same/similar situation -
> good luck to all (but most of all have fun!).
> Rich
> ps - My compliments to Rado for having the skill/guts to go in the
> box and solder the S-AM fix. I would love to have that feature
> working better but will not risk doing damage in such tight
quarters.

167. TO 7030+/R75 owners

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-10 09:06:49 UTC
From: aunumero13@aol.com
Topic: 167 Message: 167

Hi all,

To the listeners who have both AOR7030+ and IC-75 (with the optional DSP) :

Could you please try to catch a few NDB (NDB are these beacons transmitting CW in the range 285 > 450 KHz) and run a side-by-side comparison.
I'd like to know if there's a big difference between both sets (the specs shows a better sensitivy for AOR there).

Please select *weak* signals. Are there weak NDB that are audible on one RX and not on the other ?

If I'm right R-75 has a built-in NOTCH filter and 7030+ has not...(you have to add the NB7030 that is a bit expensive...). what do you think of it ?

It may help a friend of mine who is hesitating between both sets (and, as you probably guessed, his main interest is NDB DX'ing - He's using a Wellbrook ALA-1530 antenna)

Your comments would be most appreciated.
Many thanks for your help.

Pat, F8AIH.

168. Re: [icomr75] R75 missing time

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-10 10:57:00 UTC
From: Gert Nilsson
Topic: 162 Message: 168

Mine lost about 1 minute in a month!
----- Original Message -----
From: Björn Danielsson
To: icomr75@egroups.com
Sent: Saturday, December 09, 2000 1:59 PM
Subject: Re: [icomr75] R75 missing time

----- Original Message -----
From: <tradio2k@...>
To: <icomr75@egroups.com>
Sent: Saturday, December 09, 2000 7:04 AM
Subject: [icomr75] R75 missing time

> I have had my R75 for about 3 weeks and it appears that the clock is losing
> time. >
KF8ZK
>

My R75 is also losing some time. It seems to be "normal" for Icom radios.?
I had a R72 before and that also where losing time but much faster than my R75.

Maybe someone knows how to fix it?

Björn Danielsson, Sweden

eGroups Sponsor

To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

[Non-text portions of this message have been removed]

169. Re: [icomr75] TO 7030+/R75 owners

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-10 11:10:13 UTC
From: Gert Nilsson
Topic: 167 Message: 169

I cant't help you with the comparison of the sensitivity between the 7030 and the R75 in the LW band, but I think it will be good enoygh ewith the attenuator removed. At higher frequencies the R75 without the preamplifier has about the same noisefloor as the 7030 with a preamplifier!

The Automatic Notch filter in the R75 is a good one, but you should nor rely on it for NDB reception. It will for sure reduce the 1 kHz from a close in channel but as it is automatic and notches several tones it sometimes reduce the 400 hz tones from the wanted NDB!

[Non-text portions of this message have been removed]

170. Re: [icomr75] R75 missing time

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-10 10:32:12 UTC
From: Mark Turner
Topic: 162 Message: 170

Gert said....
> Mine lost about 1 minute in a month!

Mine's still within a minute too after about a month. No DSP fitted, in case that's relevant.

Mark.

171. Re: [icomr75] Re: R75 or AOR 7300+

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-10 11:28:02 UTC
From: Mark Turner
Topic: 54 Message: 171

Pat said....
>
> So it could be very nice if you could try to catch a few of these NDB
> and tell me the difference between both sets. I know AOR-7030+ is
> very sensitive for LF listening but I was told R75 was not too bad.
> As you can run both receivers side-by-side there's no better way for
> my friend to make up his mind.

Sorry I haven't had time to do a proper comparison, but I just had a quick listen for half an hour or so. Used an ALA1530 facing 20/200 degrees, comparing my AR7030+ (no DSP but extra SSB filter that shows up as bw2.1 and does make a small improvement on cw over the standard that shows up as bw2.3) with my IC-R75 (standard, no DSP yet as that's wrapped up as an Xmas present) I compared about half a dozen beacons, played with the AGC, played with the pre-amp and attenuator settings to get the clearest signal on each receiver.

I think the two receivers are very closely matched down there but felt that the R75 might have been slightly clearer on some signals. I *think* the R75 is slightly more sensitive down there without being so hot that intermod happens unless you choose pre-amp level 2.

The R75's ease of use, i.e. everything is there in front of you without having to wander the menus, seemed to help as it allowed quick and easy access to things like pre-amp, attenuator, pass-band-tuning, etc., whilst trying to make the weaker signals clearer. The AR7030+ could do either the same job or at least very close, but it took a bit more fiddling around with menus to get there. For straight utility/ham SB reception I prefer the AR7030+ as I don't need to fiddle with many settings and the tuning knob is, to my mind, a better weight and "smoother" but for 5.68MHz USB monitoring for example I would use the IC-R75 as the squelch is much easier to get to and seems to work better.

I did notice a difference in frequency readout between the two receivers for the same cw note. Not knowing where the beacons were s'posed to be I don't know which is more accurate. Also, not being a cw fan (yet) my ears don't know what note is "normal".

I don't know whether the noise reduction side of Icom's UT106 would help, but Santa won't let me play with that yet.

Sorry the above isn't very scientific but I hope it's useful.

Cheers,

Mark.

172. Re: [icomr75] R75 missing time

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-10 14:39:24 UTC
From: Darrin
Topic: 162 Message: 172

Mark Turner wrote:

> Gert said....
> > Mine lost about 1 minute in a month!
>
> Mine's still within a minute too after about a month. No DSP fitted, in
> case that's relevant.
>
> Mark.
>

FWIW. Mine only lost about 1 minute over the last 3 months, with the DSP
installed.

173. Re: [icomr75] TO 7030+/R75 owners

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-10 19:24:08 UTC
From: aunumero13@aol.com
Topic: 167 Message: 173

Gert and Mark,

Many thanks for the comments on AOR-7030 and R-75 !
It is very difficult to chose between both receivers... on one hand, AOR seems a bit better but on the other hand it's much more expensive (about 30 % if we add a notch + external DSP)...

<< At higher frequencies the R75 without the preamplifier has about the same noisefloor as the 7030 with a preamplifier! >>
It means R-75 is more noisy ... and that reception of weak signals may be easier with 7030+... the more I learn about these receivers, the less I know which one to chose !
If both sets cost the same, I would probably purchase a 7030+.

If we only consider the LF performance, I suppose AOR is better, but for the same price we can get a R-75 fitted with with a narrow CW filter, its DSP unit and its in-built notch...
Gert hints that noise level is better on AOR, but what about the R-75 with the Noise Reduction ON ?

<< Sorry I haven't had time to do a proper comparison, >>
Well Mark, if you have more time in the coming days, could you please run a few more side-by-side comparisons with these NDBs on LF band ? I also have ALA-1530 (ALA-100 too !) and it is very good for NDB DX'ing. (I heard several beacons more than 4000 Km away on LF with it).

Thanks,
Pat.

174. Re: [icomr75] TO 7030+/R75 owners

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-10 22:20:04 UTC
From: Gert Nilsson
Topic: 167 Message: 174

Lower noise floor means a more sensitive receiver. The internal noise is lower! In other words: The R75 without the preamplifier is as sensitive as the AR7030 with the preamplifier, especially on higher frequencies! Below 1,6 MHz the R75 has an attenuator which I have removed. I have tested my R75 side by side with an AR7030 on shortwave and on teh really hard ones, both my r75 and even my oldd R71 And Collins R390A offered better reception than the 7030. However as soon as the signal is a little stronger the AR7030 has an exceptional audio quality!

[Non-text portions of this message have been removed]

175. Re: [icomr75] TO 7030+/R75 owners

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-10 21:38:12 UTC
From: Eddie Bryant
Topic: 167 Message: 175

Hello Gert,

Curious to know how easy it is to defeat the Attenuator
below 1.600 MHz on the R75 ?

Is this a hardware or software function ?

My Kenwood TS-440 had this too. Apparently to block
interference from strong local broadcast stations.

Thanks for the input....

Eddie Bryant
N4UMJ

----- Original Message -----
From: Gert Nilsson <gert.nilsson@...>
To: <icomr75@egroups.com>
Sent: Sunday, December 10, 2000 5:20 PM
Subject: Re: [icomr75] TO 7030+/R75 owners

> Lower noise floor means a more sensitive receiver. The internal noise is
lower! In other words: The R75 without the preamplifier is as sensitive as
the AR7030 with the preamplifier, especially on higher frequencies! Below
1,6 MHz the R75 has an attenuator which I have removed. I have tested my R75
side by side with an AR7030 on shortwave and on teh really hard ones, both
my r75 and even my oldd R71 And Collins R390A offered better reception than
the 7030. However as soon as the signal is a little stronger the AR7030 has
an exceptional audio quality!
>
>
> [Non-text portions of this message have been removed]
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>

176. Re: [icomr75] TO 7030+/R75 owners

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-10 21:47:29 UTC
From: Don
Topic: 167 Message: 176

It is very easy to defeat the attenuation below 1.6Mhz -- I published the change needed
last spring. Its an easy solder bridge on the board --- ICOM provides a pair of pads that just
have to be jumpered. Do a search on r.r.s.

Don Nelson
Pacific Northwest

----- Original Message -----
From: "Eddie Bryant" <n4umj@...>
To: <icomr75@egroups.com>
Sent: Sunday, December 10, 2000 1:38 PM
Subject: Re: [icomr75] TO 7030+/R75 owners

> Hello Gert,
>
> Curious to know how easy it is to defeat the Attenuator
> below 1.600 MHz on the R75 ?
>
> Is this a hardware or software function ?
>
> My Kenwood TS-440 had this too. Apparently to block
> interference from strong local broadcast stations.
>
> Thanks for the input....
>
> Eddie Bryant
> N4UMJ
>
>
> ----- Original Message -----
> From: Gert Nilsson <gert.nilsson@...>
> To: <icomr75@egroups.com>
> Sent: Sunday, December 10, 2000 5:20 PM
> Subject: Re: [icomr75] TO 7030+/R75 owners
>
>
> > Lower noise floor means a more sensitive receiver. The internal noise is
> lower! In other words: The R75 without the preamplifier is as sensitive as
> the AR7030 with the preamplifier, especially on higher frequencies! Below
> 1,6 MHz the R75 has an attenuator which I have removed. I have tested my R75
> side by side with an AR7030 on shortwave and on teh really hard ones, both
> my r75 and even my oldd R71 And Collins R390A offered better reception

than
> the 7030. However as soon as the signal is a little stronger the AR7030
has
> an exceptional audio quality!
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > To unsubscribe from this group, send an email to:
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> >
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>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>

177. Re: [icomr75] TO 7030+/R75 owners

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-10 21:51:23 UTC
From: Eddie Bryant
Topic: 167 Message: 177

Thanks Don,

I have had mine for a short while and it is good to
know about this. I am trying to pick up a local NDB
about 10 miles away and have not had any luck.

Maybe this will help.

Eddie Bryant
N4UMJ

> It is very easy to defeat the attenuation below 1.6Mhz -- I published the
> change needed
> last spring. Its an easy solder bridge on the board --- ICOM provides a
pair
> of pads that just
> have to be jumpered. Do a search on r.r.s.
>
> Don Nelson
> Pacific Northwest

178. How to Defeat the 1.6MHz attenuation(repost from r.r.s)

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-10 21:52:28 UTC
From: Don
Topic: 178 Message: 178

Actually, this was posted Sept 19, 1999 - how time flies.....

"Don" <ulformat@...> wrote in message
news:mQgF3.49127$FG4.2081448@......
> Actually it is quite an asy modification--- open the unit and look at the
> main board (it looks like a very shallow U-shape.). Not that most of the
> board is covered by a green anti-solder compound. HOWEVER! ICOM has left
two
> tiny solder pads on the top surface near C175 and L175 that can be shorted
> to bypass the attenuator circuit. These are near the 117V power
plug/450ohm
> antenna plugs on the rear panel (Just look for the copper areas on the
> circuit board...there aren't many areas that aren't occupied or
> green-covered)
>
> In my radio, I put a pushbutton on the rear that controls a 12V reed relay
> velcroed onto a nearby can on the board. Two tiny wires were soldered to
the
> pads(. I happen to have used the pair of tiny wires off a 9V battery clip
as
> they were the right size and easy to solder.). Therefore I can enable and
> disable this attenuator for <1.8MHz. You may wish to just short these
> together permananently. YMMV. I chose this to keep the RF near the board,
> not routed via long wires to the rear panel switch (no need for extra
> attenuation.)
>
> By the way, the attenuator for <1.8MHz consists of R172 which is shorted
> when the 2 CP171 pads are shorted. This location is listed as CP171 in the
> IC-R75 Service Manual. There is other circuitry surrounding the R172 but
> this is the same circuitry used in 6 other frequency regions.
>
> Be advised that this modification will most likely invalidate your
warranty.
>
> You will need a very small tip iron, and have some solder wick on hand for
> the excess if you decide to wire as I did rather than shorting.
>
> This modification makes a big difference in weak MW. I did not test LW but
> expect similar improvements. You'll see the signal strength difference
when
> you turn it on and off on the bar meter on the LCD.
>
> Note that this was found by reading the schmatics and operation info in
the
> service manual -- the ICOM service folks in Washington denied the

existance
> of any such modification point....and this modification is NOT called out
in
> the service literature. (nor is the purpose of CP171 location)
>
> Don
>

----- Original Message -----
From: "Don" <ulformat@...>
To: <icomr75@egroups.com>
Sent: Sunday, December 10, 2000 1:47 PM
Subject: Re: [icomr75] TO 7030+/R75 owners

> It is very easy to defeat the attenuation below 1.6Mhz -- I published the
> change needed
> last spring. Its an easy solder bridge on the board --- ICOM provides a
pair
> of pads that just
> have to be jumpered. Do a search on r.r.s.
>
> Don Nelson
> Pacific Northwest
>
> ----- Original Message -----
> From: "Eddie Bryant" <n4umj@...>
> To: <icomr75@egroups.com>
> Sent: Sunday, December 10, 2000 1:38 PM
> Subject: Re: [icomr75] TO 7030+/R75 owners
>
>
> > Hello Gert,
> >
> > Curious to know how easy it is to defeat the Attenuator
> > below 1.600 MHz on the R75 ?
> >
> > Is this a hardware or software function ?
> >
> > My Kenwood TS-440 had this too. Apparently to block
> > interference from strong local broadcast stations.
> >
> > Thanks for the input....
> >
> > Eddie Bryant
> > N4UMJ
> >
> >

179. Re: [icomr75] How to Defeat the 1.6MHz attenuation(repost from r.r.s)

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-11 01:09:06 UTC
From: Radostin Danev
Topic: 178 Message: 179

Hi Don,

Could you please upload the <1.6 MHz attenuator mod in the "R75 mods" folder
of the group?
This will save some time for many of us.

Thanks!

Rado

180. ALL - please feel free to contribute to the Files and Links sections

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-11 01:15:08 UTC
From: Radostin Danev
Topic: 180 Message: 180

Hi R75-ers,

Please, if you have any info or helpful links feel free to upload to the
Files and Links sections of the group.

Thanks!

Rado

181. New R75 here - observation re: names vs. freq.

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-11 03:24:13 UTC
From: jjga@usa.net
Topic: 181 Message: 181

Group,

I noticed yesterday that when you are in NAME mode for any memorized station you CAN'T change the frequency (because logically for the software 'you can't see it changing'), but if you touch and HOLD the TS button you are able to do so AND TUNE IT AS DESIRED using the main knob and most probably two hands --not a very confortable task unless for sporadic 'close-by' frequency-changes' only.

Releasing the TS button again takes you back of course to NAME mode and leaves the frequency NOT in its original 'memorized setting' but where you last tuned it to. If you want to recall the setup memory again you then have to use the conventional method. It's possible most of you have tried it already.

It's simply --nothing more-- nice to know for people (not me) who prefer to have the NAME function on most of the time. This way at least they don't have to hold the SEL button 2sec. to go to the frequency display, tune that memory, then hit SEL 2sec. again to revert to name mode once more.

Please don't flame me if this happens to sound stupid to you. I just setup my R75 this week and started 'discovering' things like this one. I don't think it's in the manual, maybe yes (?!). ;-) Was it posted before?! I didn't see it, sorry.

Thanks,

J a s o n

182. Re: [icomr75] New R75 here - observation re: names vs. freq.

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-11 04:01:18 UTC
From: Radostin Danev
Topic: 181 Message: 182

Hi Jason,

Thanks for the nice tip!

I'm also keeping my R75 in Freq. mem. mode. Wish there was a button which while pushed to show the name for that channel ... or much better iCOM could have added a separate dot-matrix part in the LCD for the alpha tags ... and also clock digits.

Best regards,

Rado

----- Original Message -----
From: jjga@...
To: icomr75@egroups.com
Sent: Monday, December 11, 2000 12:24 PM
Subject: [icomr75] New R75 here - observation re: names vs. freq.

Group,

I noticed yesterday that when you are in NAME mode for any memorized station you CAN'T change the frequency (because logically for the software 'you can't see it changing'), but if you touch and HOLD the TS button you are able to do so AND TUNE IT AS DESIRED using the main knob and most probably two hands --not a very confortable task unless for sporadic 'close-by' frequency-changes' only.

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Please don't flame me if this happens to sound stupid to you. I just setup my R75 this week and started 'discovering' things like this one. I don't think it's in the manual, maybe yes (?!). ;-) Was it posted before?! I didn't see it, sorry.

Thanks,

J a s o n

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[Non-text portions of this message have been removed]

183. Re: [icomr75] New R75 here - observation re: names vs. freq.

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-11 05:05:00 UTC
From: lLori Jackson
Topic: 181 Message: 183

rado and the rest of us R75ER'S: it is a heck of a radio and one of the best deals dollar
wise i've ever encountered.i have not installed the dsp yet and am very pleased with the radio as it is. but i will have the synch mod done and if it makes a big difference have the dsp. when i'm using am mode sometimes i switch to LSB and it comes in with out fading away. thanks and this is the best board for a single radio group, in my opinion.

----- Original Message -----
From: Radostin Danev <rado@...>
To: <icomr75@egroups.com>
Sent: Sunday, December 10, 2000 8:01 PM
Subject: Re: [icomr75] New R75 here - observation re: names vs. freq.

> Hi Jason,
>
> Thanks for the nice tip!
>
> I'm also keeping my R75 in Freq. mem. mode. Wish there was a button which while pushed to show the name for that channel ... or much better iCOM could have added a separate dot-matrix part in the LCD for the alpha tags ... and also clock digits.
>
> Best regards,
>
> Rado
>
> ----- Original Message -----
> From: jjga@...
> To: icomr75@egroups.com
> Sent: Monday, December 11, 2000 12:24 PM
> Subject: [icomr75] New R75 here - observation re: names vs. freq.
>
>
>
> Group,
>
> I noticed yesterday that when you are in NAME mode for any memorized
> station you CAN'T change the frequency (because logically for the
> software 'you can't see it changing'), but if you touch and HOLD the
> TS button you are able to do so AND TUNE IT AS DESIRED using the main
> knob and most probably two hands --not a very confortable task unless
> for sporadic 'close-by' frequency-changes' only.
>
> Releasing the TS button again takes you back of course to NAME mode
> and leaves the frequency NOT in its original 'memorized setting' but

> where you last tuned it to. If you want to recall the setup memory
> again you then have to use the conventional method. It's possible
> most of you have tried it already.
>
> It's simply --nothing more-- nice to know for people (not me) who
> prefer to have the NAME function on most of the time. This way at
> least they don't have to hold the SEL button 2sec. to go to the
> frequency display, tune that memory, then hit SEL 2sec. again to
> revert to name mode once more.
>
> Please don't flame me if this happens to sound stupid to you. I just
> setup my R75 this week and started 'discovering' things like this
> one. I don't think it's in the manual, maybe yes (?!). ;-) Was it
> posted before?! I didn't see it, sorry.
>
> Thanks,
>
> J a s o n
>
>
>
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>
> [Non-text portions of this message have been removed]
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>
>
>
>

184. Re: [icomr75] TO 7030+/R75 owners

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-11 09:56:49 UTC
From: Gert Nilsson
Topic: 167 Message: 184

This is a hardware operation. Close to the antenna relays there is a connection point (CP in the schedule). It is a copper area in the shape of a small circle, divided into halves. Just bridge the small gap!. It is very easy to check. Just use a screwdriver to make a connection. This shortens out a part of a resistor network. Still a resistor to ground left. Perhaps sensitivity will be even higher if you remove this resistor. I have not tried. Don't think you need it.
----- Original Message -----
From: Eddie Bryant
To: icomr75@egroups.com
Sent: Sunday, December 10, 2000 9:38 PM
Subject: Re: [icomr75] TO 7030+/R75 owners

Hello Gert,

Curious to know how easy it is to defeat the Attenuator
below 1.600 MHz on the R75 ?

Is this a hardware or software function ?

My Kenwood TS-440 had this too. Apparently to block
interference from strong local broadcast stations.

Thanks for the input....

Eddie Bryant
N4UMJ

----- Original Message -----
From: Gert Nilsson <gert.nilsson@...>
To: <icomr75@egroups.com>
Sent: Sunday, December 10, 2000 5:20 PM
Subject: Re: [icomr75] TO 7030+/R75 owners

> Lower noise floor means a more sensitive receiver. The internal noise is
lower! In other words: The R75 without the preamplifier is as sensitive as
the AR7030 with the preamplifier, especially on higher frequencies! Below
1,6 MHz the R75 has an attenuator which I have removed. I have tested my R75
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my r75 and even my oldd R71 And Collins R390A offered better reception than
the 7030. However as soon as the signal is a little stronger the AR7030 has
an exceptional audio quality!
>
>
> [Non-text portions of this message have been removed]
>
>
>

> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>

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[Non-text portions of this message have been removed]

185. MP3 rec and HF receivers Explanation !

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-11 11:41:29 UTC
From: Zacharias Liangas
Topic: 185 Message: 185

Ohh.. I see that none has responded inth is question so let me reintriduce the idea

As i told you before this period except DXing (you will see my logs in the hard core DX list) i m involved with MP3 co-decoding as standby mechanisms players etc (derived after i encode my music collection and seen the small magic MP3 players , some of whom have the ability to enode directly from FM)

The idea can be very simple . IF someone instead of using a tapee recorder connected to R75 for a TIMER recording- (two cables one for audio and one for remote control) , it could surely have a small plug in recorder inside the radio and record at the time you wish
It can also record say a RTTY signal for say 30 minutes and then using the external computer to decode the 'digital' data.
This is the whole idea

What is your opinion as an idea? (regardless of the cost of the 'plug-in' recorder player)

_____
pen-DX sejak 72 - anggota World-DX-Club 2104,Play DX, dll
RX: R75/HF150/MVT7100 + 16m ant/1x1sqm + MFJ16010/1040/1025/752c/462
http://www.geocities.com/zliangas/trip2k.htm (to Bkk,SNG,BAli)
http://www.geocities.com/zliangas/index.htm(l) htm : frames
http://www.geocities.com/zliangas/shack3.htm Rx-system /Retziki

186. Re: [icomr75] How to Defeat the 1.6MHz attenuation(repost from r.r.s)

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-12 01:12:47 UTC
From: Tony Berry
Topic: 178 Message: 186

Hello Radostin,
as regards the Synch Detector ? have been looking at the insides of my Radio and located everything with the aid of a magnifying glass and your file pictures ! could you not please make the three mods seperate ,and make each mod on its own sheet ,because its very confusing to anyone who is a layman ! I can use a soldering iron!!!!
however if you would kindly rewrite each mod seperate without parcelling them up
together eg AGC-SYNCH- and your latest mod it would be a lot easier for us that are
not techically as clever as some other's ! 3 seperate mods = 3 seperate instructions
each stating from scratch! why I ask for this is because it seems to me if a person just
wants to do the SYNCH MOD like I do and looks at your mods coupled with AGC its so confusing that Im'e trying to figure out what are all the wires in your pictures ? and how do you connect to the ground wire ????i would be grateful if you would please let me know how to do the SYNCH MOD on its own without all the other bits and bobs that where added doing the AGC mod ?
Thank you
Tony Berry

Radostin Danev wrote:

> Hi Don,
>
> Could you please upload the <1.6 MHz attenuator mod in the "R75 mods"
> folder
> of the group?
> This will save some time for many of us.
>
> Thanks!
>
> Rado
>
>
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>
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>
>

[Non-text portions of this message have been removed]

187. Re: [icomr75] How to Defeat the 1.6MHz attenuation(repost from r.r.s)

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-13 00:52:20 UTC
From: Radostin Danev
Topic: 178 Message: 187

Hi Tony,

> could you not please make the three mods seperate
> ,and make each mod on its own sheet ,because its very confusing to
> anyone who is a layman !

Sorry, I don't have the time to do that. Here is what you should do for the
synch. mod only.
Follow these steps in the mod Ver. 1.1 instructions:

step 1 - open the R75 and find the place
step 3 - only the part about the ground wire (the gray wire in the picture)
steps 5, 6 - synch. mod (magenta wire)
step 9 - finishing the mod

That's it.

> I can use a soldering iron!!!!

Are you sure? Do some training on a scrapped PCB before performing the mod
on the R75.

Best regards,

Rado

188. Re: [icomr75] How to Defeat the 1.6MHz attenuation(repost from r.r.s)

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-13 01:23:02 UTC
From: Tony Berry
Topic: 178 Message: 188

Hi Rado,
Thank you very much , will do some training as you suggest
, before I attempt it.
Best wishes
Tony.

Radostin Danev wrote:

> Hi Tony,
>
> > could you not please make the three mods seperate
> > ,and make each mod on its own sheet ,because its very confusing to
> > anyone who is a layman !
>
> Sorry, I don't have the time to do that. Here is what you should do
> for the
> synch. mod only.
> Follow these steps in the mod Ver. 1.1 instructions:
>
> step 1 - open the R75 and find the place
> step 3 - only the part about the ground wire (the gray wire in the
> picture)
> steps 5, 6 - synch. mod (magenta wire)
> step 9 - finishing the mod
>
> That's it.
>
> > I can use a soldering iron!!!!
>
> Are you sure? Do some training on a scrapped PCB before performing the
> mod
> on the R75.
>
> Best regards,
>
> Rado
>
>
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[Non-text portions of this message have been removed]

189. UT-102 How is it?

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-16 17:42:47 UTC
From: Björn Danielsson
Topic: 189 Message: 189

Anybody who has it installed?

How does it work, is the speech good?

I think it would be useful to time stamp recordings etc so is the speech also on the rec out?

Björn D , Sweden

190. First impressions R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-17 00:09:25 UTC
From: Jem Cullen
Topic: 190 Message: 190

Well.

In a moment of weakness i splashed out yesterday and bought an R75. Used it all last night and a little this morning side by side with IC740 Txr and Sangean ATS803a. I used to own a Kenwood R5000 so I was keen to see how it went.

Frankly, I'm very disappointed, almost wonder if I can get my $$$ back! I actually found the 803A better at times.

When listening to a weak signal 5-10khz away from a stronger one i find the Icom falls apart giving a horrible mess, but the sangean is clearer. The wide bandwidth is too wide for any use and even the 6kHz is too wide, leaving me to use the narrow which is too narrow for swl/dx. ECSS is ok but shouldnt be that necessary.

set the filters to wide 15 15
medium 15/6
narrow 15/2.4 (found 2.4/2.4 too narrow)

THe sync just does not work. The only other sync detector i have used was on similarly priced Jrc 345 and onthe 345 it was spectacular! tuned to a weak/fading staion, hit sync and it was like Hi-fi (well... ok im exagerating, but it was remarkable) The sync was waaaay better then ECSS! but on the r-75 its only a light!

The AGC is the weirdest thing i ever seen, the fast is too fast, and if I turn the AGC off altogether the radio overloads horribly, in fact strong stations (0ver S6) just disappear altogether causing the rig to mute! Does everyones do this or do i have a dog? Can some of u guys test this and let me know?

The audio is Ok but not great and the preamps (esp amp2) make the audio very harsh.

I set the clock by WWV yesterday, this morning it was about 7 mins fast! (however I spose I could of done something when i was learning all the controls, dont think so tho. I corrected it and will see tomorrow)

In its favour it is quite sensitive in SSB, but i could not find one signal on the r75 that i couldnt find on the 803a, just clearer on the r75.
The Noise blanker works well, pity its not adjustable like on the R5000.

Because the r75 cost me almost 2 weeks pay (AU$1500-ish)I couldnt afford any options(filters eaach about $120), and in Aust you dont get the DSP free offer (AU$150). So its a plain vanilla R75 with no extras, and i wish i had of waited for a used R5000 with a few filters for half the cost.

Ok so I can do the Sync mod here -and i will have to, it seems... but im terrified coz its soo delicate. However i feel that to pay so much for a rig that has trouble outperforming an 803A, is a worry. It seems I paid thru the nose for a box that gives me the honour of paying about a third more again to make it work properly ($400+)! (if im willing to poke inside it with a soldering iron, and risk voiding the warrantee)

I wont be able to afford options for a few months at least so I paid all that money for a marginal improvement and in some cases lower performance then my 10 year old AU$250 portable.

191. Re: [icomr75] First impressions R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-17 02:22:17 UTC
From: lLori Jackson
Topic: 190 Message: 191

keep comparing and your dream state will be over.you must have gotten the
worst R75
that icom put out. are you listening just to world band and a.m.??? if so,
well yeah i kind of see
your gripe. k9jj.

----- Original Message -----
From: Jem Cullen <jemmex@...>
To: <icomr75@egroups.com>
Sent: Saturday, December 16, 2000 4:09 PM
Subject: [icomr75] First impressions R75

> Well.
>
> In a moment of weakness i splashed out yesterday and bought an R75.
> Used it all last night and a little this morning side by side with
> IC740 Txr and Sangean ATS803a. I used to own a Kenwood R5000 so I was
> keen to see how it went.
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> back! I actually found the 803A better at times.
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192. Re: First impressions R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-17 07:19:15 UTC
From: Jem Cullen
Topic: 190 Message: 192

yeh, well i thought it would compare better!
i kinda hope i did get a bad one, coz then i can get it replaced/
fixed/refund! but i suspect its wot it is.

still curious about that agc function.... basically with agc off it
mutes on even s3 or better, and weaker ones cause it to fall into
digital hash!

in its favour, i do a lot of rtty/fax and it works quite well then.

first impessions are important, and this one has failed to impress

anyone wanna buy a r75? only 2 days old?

--- In icomr75@egroups.com, "lLori Jackson" <lorijs@f...> wrote:
> keep comparing and your dream state will be over.you must have
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>
> ----- Original Message -----
> From: Jem Cullen <jemmex@h...>
> To: <icomr75@egroups.com>
> Sent: Saturday, December 16, 2000 4:09 PM
> Subject: [icomr75] First impressions R75
>
>
> > Well.
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> > In a moment of weakness i splashed out yesterday and bought an
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193. Re: [icomr75] Re: First impressions R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-17 08:49:33 UTC
From: Gert Nilsson
Topic: 190 Message: 193

Any receiver will mute with the AGC off unless you reduce the RF gain!
----- Original Message -----
From: Jem Cullen
To: icomr75@egroups.com
Sent: Sunday, December 17, 2000 7:19 AM
Subject: [icomr75] Re: First impressions R75

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if so,
> well yeah i kind of see
> your gripe. k9jj.
>
> ----- Original Message -----
> From: Jem Cullen <jemmex@h...>
> To: <icomr75@egroups.com>
> Sent: Saturday, December 16, 2000 4:09 PM
> Subject: [icomr75] First impressions R75
>
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194. Ground Wire

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-17 21:32:56 UTC
From: Tony Berry
Topic: 194 Message: 194

Hello Rado,
re your STEP3 QUOTE!!!! ground wire in picture see grey wire
solder one end to near screw of pcb "this is ground"
Okay exactly where does the other end attach it self too?????
it does not show in picture? re grey wire ground
Regards
Tony.

195. Re: [icomr75] First impressions R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-18 02:00:09 UTC
From: Ian Johnson
Topic: 190 Message: 195

Jem,
Despite your poor first impressions, the R75 is a rip-snorter when properly kitted out and driven properly.
If you want to give it a go I would suggest the following be put on your shopping list:

FL-223 (1.9KHz) Filter for the 9MHz IF (1st priority).
UT-106 DSP (works well in most instances)
FL-257 (3.3KHz) Filter for the 455KHz IF (While I don't have this one yet I intend to install it as others have had success with it for a better [not too wide/narrow] for AM).

As yet I have not done the mods but will do so when the madness of Christmas is over - my hands shake too much after being out in the traffic at the moment (Hi!).

Also, try a 2.4 + 6 for the IF filter combination.

DXing in the so-called ECSS (Exhalted Carrier Single Sideband) works well for me in the absence of Synchronous Detection. Get used to the IF passband controls and you will be surprised what you can do, even with a 2.4 + 2.4 IF).

All in all, the R75 needs to be driven almost all the way but will give performance favorably comparable to the more expensive rigs.

If you still want to get rid of it then I suggest you go to http://matilda.aaa.com.au/dx/ which is the site of the Australian Radio DX Club and go to the Classifieds - I think you should get a taker before long; or at least after peoples' budgets recover post-Christmas.

Hope this helps

Ian Johnson

----- Original Message -----
From: Jem Cullen
To: icomr75@egroups.com
Sent: Sunday, December 17, 2000 10:09 AM
Subject: [icomr75] First impressions R75

Well.

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Ok so I can do the Sync mod here -and i will have to, it seems... but im terrified coz its soo delicate. However i feel that to pay so much for a rig that has trouble outperforming an 803A, is a worry. It seems I paid thru the nose for a box that gives me the honour of paying about a third more again to make it work properly ($400+)! (if im willing to poke inside it with a soldering iron, and risk voiding the warrantee)

I wont be able to afford options for a few months at least so I paid all that money for a marginal improvement and in some cases lower performance then my 10 year old AU$250 portable.

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[Non-text portions of this message have been removed]

196. Re: [icomr75] Ground Wire

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-18 02:21:54 UTC
From: Radostin Danev
Topic: 194 Message: 196

Hi Tony,

If you want to perform only the synch. mod then:
- Lift pin 23 (step 5)
- Solder a wire to the lifted pin 23
- Solder the ground wire next to the screw
- Solder a 100 uF (15V or more) electrolytic capacitor between the other ends of the wires. Positive (+) leg goes to the wire from pin 23, negative (-) leg goes to the ground wire.

See the schematic in the mod instructions. You should have only C2. The resistor and C1 are for the other modifications.

Still I strongly recommend the AGC mod. It improves the things a lot. I don't know how the synch. mod alone will work - I've tried it only together with the AGC mod.

Best regards,

Rado

----- Original Message -----
From: Tony Berry
To: icomr75@egroups.com
Sent: Monday, December 18, 2000 6:32 AM
Subject: [icomr75] Ground Wire

Hello Rado,
re your STEP3 QUOTE!!!! ground wire in picture see grey wire
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197. Re: [icomr75] First impressions R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-18 03:17:57 UTC
From: Radostin Danev
Topic: 190 Message: 197

Hi Jem,

> When listening to a weak signal 5-10khz away from a stronger one i
> find the Icom falls apart giving a horrible mess, but the sangean is
> clearer.

This can happen if the NB is on. It gives a lot of distortion in the presence of strong signals. Turn the NB off! There is a precaution about this in the manual (page 15 in mine). Also there is also a set-mode option which can turn off the NB for AM mode. Use the NB only if there is a pulse-type noise (like from passing cars etc.).

> The wide bandwidth is too wide for any use and even the
> 6kHz is too wide, leaving me to use the narrow which is too narrow
> for swl/dx. ECSS is ok but shouldnt be that necessary.

Agreed. I'm thinking of replacing the 15 kHz filter (Murata CFWS450E, 15kHz/6dB 30kHz/40dB) with a 4 kHz one (Murata CFWS450IT, 4kHz/6dB 15kHz/40dB). I'm not using the 15 kHz filter at all. After the replacement I'll have a narrower bandwidth then the 6kHz for S-AM (it is not possible to select the optional filter for S-AM ... STUPID!). If only somebody can send me one of those (they should be cheap ... about $5 or so) - I tried Murata Japan but no answer. (I don't know Japanese ... and maybe they don't understand English :-)

> THe sync just does not work. The only other sync detector i have used
> was on similarly priced Jrc 345 and onthe 345 it was spectacular!
> tuned to a weak/fading staion, hit sync and it was like Hi-fi
> (well... ok im exagerating, but it was remarkable) The sync was
> waaaay better then ECSS! but on the r-75 its only a light!

Yes, it does not. R75 is VERY clean in SSB. If a receiver is better in synch. AM than in ECSS (at zero beat) then it means that it's poor in SSB. Synchronous AM gives only the convenience of automatically zero-beating the station ... and following small carrier drifts. Also a little bit better S/N ratio if both sidebands are utilized.

> The AGC is the weirdest thing i ever seen, the fast is too fast, and
> if I turn the AGC off altogether the radio overloads horribly, in
> fact strong stations (0ver S6) just disappear altogether causing the
> rig to mute! Does everyones do this or do i have a dog? Can some of u
> guys test this and let me know?

The AGC is not very good in AM mode. That's why I've developed the AGC mod. In SSB the AGC is very good. If you turn off the AGC then you should manually adjust the RF gain (with the RF gain/Squelch knob). Why do you think the receivers have AGC? There is no RF stage (without AGC) I've head

of with 120 dB dynamic range.

> The audio is Ok but not great and the preamps (esp amp2) make the
> audio very harsh.

Preamp 2 is for the upper bands. It intermodulates in the presence of strong signals (in the lower bands). Again check the NB is off!

> I set the clock by WWV yesterday, this morning it was about 7 mins
> fast! (however I spose I could of done something when i was learning
> all the controls, dont think so tho. I corrected it and will see
> tomorrow)

If it drifts with 7 min/day - ask for replacement. It's defective.

> Because the r75 cost me almost 2 weeks pay (AU$1500-ish)I couldnt
> afford any options(filters eaach about $120), and in Aust you dont
> get the DSP free offer (AU$150). So its a plain vanilla R75 with no
> extras, and i wish i had of waited for a used R5000 with a few
> filters for half the cost.

My R75 cost me $1000 US here in Japan (with DSP and FL-257 3.3kHz). I'm still very happy with it. I used IC-756 trx (IF DSP etc.) for DX-ing before the R75. For me the R75 is much better for DX-ing. The audio is much cleaner. Well, IC-756 had a nice real-time bandscope ... and dual receive.

Best regards,

Rado

198. R75...getting to know you...

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-18 22:33:51 UTC
From: Jem Cullen
Topic: 190 Message: 198

Hi Rado and everyone.

As I said in my email, these were my "Initial thoughts", after a few days its starting to grow on me, tho I still believe its not as good as it could be. I must admit Im mainlya ute/digital listener, more then SWL/Broadcast DX (a bit of both I guess) and I find that its very good indeed for digital stuff. I love all the setups for shift and carrier tones, and i can see with a few filters it would be a hot-rod!

I downloaded Mark Fines Smart controller, now that is an EXCELLENT piece of work. (almost makes it too easy..like satellite tv hehe)

Still a few funny thingswith the R75. Im still not convinced about that AGC function, Ive owned many radios and this is the only one where turning the AGC off kills the rig (sometimes...sometimes weak signals are much much stronger with agc off). Its got its quirks and quibbles and its stregnths i guess.

BTW, i do have NB off, unless its very necessary,I thought all your comments were right on the button, Rado. The SSB is extraordinary in this radio. I bought the R75 over its competitors because I wanted a good ute rig and was willing to sacrifice SWL quality (if i wanted great SWL audio etc would have bought AOR or LOWE) for filters, etc. and i think on blance I got what i paid for.
And im gunna get the bits for the Sync det. mod today (guess that means im keepin the unit) Tho the thought of doing it and killng the rig gives me nightmares!

This is not a radio that grabbbed me initially, but it certanly is a sleeper that i think i will grow to respect then love. I just kinda resent havein to fork out even more $$$, but i guess thats just the way of everything these days.

73 and have a great DXmas everyone
de VK2JEM
Jem
PS the clock must have been something I did, its accurate now (well, as good as one can tell in 2 days) so... I MADE A MISTAKE!

199. Re: [icomr75] R75...getting to know you...

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-18 23:40:31 UTC
From: Mark J. Fine
Topic: 190 Message: 199

From: "Jem Cullen" <jemmex@...>
> I downloaded Mark Fines Smart controller, now that is an EXCELLENT
> piece of work. (almost makes it too easy..like satellite tv hehe)

Thanks... Quoting Avis: We try harder.<G>

73,

Mark J. Fine / mark.fine@...

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- English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa
- CumbreLite Editor, Cumbre DX: http://www.cumbredx.org

200. Do I need the CI-V converter for computer control?

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-19 00:37:07 UTC
From: jrev@ev1.net
Topic: 200 Message: 200

Do I have to have the CI-V converter to control the R75 by computer?
Can I just hook up an RS-232c cable between the receiver and the
computer and use software to control the radio?

Thanks

201. RE: [icomr75] R75...getting to know you...

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-19 01:06:43 UTC
From: Ken
Topic: 190 Message: 201

> -----Original Message-----
> From: Mark J. Fine [mailto:mark.fine@...]
> Thanks... Quoting Avis: We try harder.<G>

And having met Mark I will attest that he is very trying indeed :)

Couldn't resist...

Great program. Spoils you for using conventional rigs.... So Mark, now I need a version for the AR-5000 and the DX-160. :)

Ken

202. Re: [icomr75] Do I need the CI-V converter for computer control?

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-19 01:44:53 UTC
From: Lisa and Bill
Topic: 200 Message: 202

No CI-V required.
But they sure make it look that way in the owners guide, don't they !

Bill
Farmington, CT

jrev@... wrote:

> Do I have to have the CI-V converter to control the R75 by computer?
> Can I just hook up an RS-232c cable between the receiver and the
> computer and use software to control the radio?
>
> Thanks
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com

203. Re: [icomr75] R75...getting to know you...

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-19 01:43:46 UTC
From: Mark J. Fine
Topic: 190 Message: 203

From: "Ken" <armadillo@...>
> And having met Mark I will attest that he is very trying indeed :)

Heh, you should have been in the meeting (read: urinary olympiad) I was in today. Was not one for the weak-willed, and I had to bite my tongue before ripping some pure gems of wisdom. Hint: I'm a native NYer.

> Great program. Spoils you for using conventional rigs.... So Mark, now I
> need a version for the AR-5000 and the DX-160. :)

That all? I *was* working on a version for the R390A, except I can't find a way to keep the actuators from burning out.<G>

73,

Mark J. Fine / mark.fine@...

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- East Coast Monitor, Monitoring Times: http://www.grove-ent.com
- English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa
- CumbreLite Editor, Cumbre DX: http://www.cumbredx.org

204. Re: [icomr75] R75...getting to know you...

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-19 04:46:04 UTC
From: Radostin Danev
Topic: 190 Message: 204

Hi Mark,

The only thing that stops me from starting to write control software for the R75 is that SmartIcomControl is already so far ahead - really a masterpiece. The important things to me:
- ILG database support (well, you said it will probably be in the next version)
- Off-line DXing (take more sleep at night). The idea with the 30 timers in the SIC is very nice but why they can only be used when the radio is on? Why not make them active all the time - if the radio is off then it to be turned on with the timers. This is important as it will allow the use of tape recorder or recording software with VOX capabilities. I could be missing something (or did not spend enough time at the Help). Setting the times with a click in the ILG list and then exporting a "timer log" file with the recorded times, freqs., target station info will be of great convenience.

What do you think? Should I fire up the trusty C++ Builder? :-)

If you are interested read my next post about a GREAT recording software I found recently. (maybe old news ...)

Best regards,

Rado

205. Re: [icomr75] R75...getting to know you...

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-19 04:56:01 UTC
From: Mark J. Fine
Topic: 190 Message: 205

From: "Radostin Danev" <rado@...>
> - Off-line DXing (take more sleep at night). The idea with the 30 timers in
> the SIC is very nice but why they can only be used when the radio is on? Why

Actually, I hadn't thought of having the program turn the radio on (if it was
previously off) before a timer hit. I'll add that to the to-do list for v4.

73,

Mark J. Fine / mark.fine@...

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- English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa
- CumbreLite Editor, Cumbre DX: http://www.cumbredx.org

206. Recording Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-19 05:09:30 UTC
From: Radostin Danev
Topic: 206 Message: 206

Hi R75ers,

A few days ago I found a GREAT recording software - RecAll by Sagebrush.
URL: http://www.sagebrush.com/recall.htm

Some of the features:
- "Light" program which does not eat system resources
- VOX capability with adjustable threshold (starts recording only if there is signal)
- "Stamping" the files. Each audio file can have multiple segments. Each segment carries information about the actual time it was recorded. When a file is active starting a recording (or VOX activation) adds new segment. This way each DX-ing session is in one file with many segments. I've already started writing in my logbook the segment in which a station is (one more column). Before I was not recording audio.
- Automatic naming of the files with the date and optional "category"
- MP3 support - yes you can record in MP3 format. I'm using 11kHz/mono/20kbs codec. It gives more than enough quality and requires only about 145 kB/min. That gives about 70 hours per CD (640MB)!!!

For the MP3 recording you need to install the Fraunhofer MPEG Layer 3 codec. More information on this at:

http://audiograbber.com-us.net/codec.html
http://www.sagebrush.com/rectech.htm

If somebody does not have the codec file (l3codeca.acm) I can upload it in the Files section (it comes with Windows ME as standard).

Check this software out - it's GREAT!

(Disclaimer: I have nothing to do with Sagebrush ... just like the software)

Best regards,

Rado

207. Re: [icomr75] R75...getting to know you...

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-19 05:15:33 UTC
From: Radostin Danev
Topic: 190 Message: 207

Hi Mark,

> Actually, I hadn't thought of having the program turn the radio on (if it
was
> previously off) before a timer hit. I'll add that to the to-do list for
v4.

Ok then what will be cheaper - registering Ver.3.24 and then upgrading to
Ver.4 or registering directly Ver.4? :-)

Rado

208. Re: [icomr75] R75...getting to know you...

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-19 05:22:25 UTC
From: Mark J. Fine
Topic: 190 Message: 208

> Ok then what will be cheaper - registering Ver.3.24 and then upgrading to
> Ver.4 or registering directly Ver.4? :-)

Neither. In-line version upgrades are free to registered users. Ken thinks I'm nuts for doing it that way, but I've always done it that way.<G> Fact is, I hate having to regi$ter and re-regi$ter stuff every time a new ver$ion comes out, so I don't bother to make my customers do it.

73,

Mark J. Fine / mark.fine@...

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- English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa
- CumbreLite Editor, Cumbre DX: http://www.cumbredx.org

209. Re: [icomr75] R75...getting to know you...

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-19 05:34:48 UTC
From: Radostin Danev
Topic: 190 Message: 209

> Neither. In-line version upgrades are free to registered users. Ken
thinks
> I'm nuts for doing it that way, but I've always done it that way.<G> Fact
is,
> I hate having to regi$ter and re-regi$ter stuff every time a new ver$ion
comes
> out, so I don't bother to make my customers do it.

Thanks Mark! This is the better way I think (at least for us customers). I'm
registering soon!

Best regards,

Rado

210. Re: [icomr75] R75...getting to know you...

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-19 10:02:30 UTC
From: Gert Nilsson
Topic: 190 Message: 210

Still a few funny thingswith the R75. Im still not convinced about
that AGC function, Ive owned many radios and this is the only one
where turning the AGC off kills the rig (sometimes...sometimes weak
signals are much much stronger with agc off). Its got its quirks and
quibbles and its stregnths i guess.

I think it is absolutely normal that a receiver will be overloaded with the AGC Off. We are talking about signal differences in the range of more than 100 dB. With the full gain on a strong station it must overload!
I agree that the weak stations may be better with AGC off. Often the case when you have a carrier on the frequency making the AGC to decrease the gain! Last night I tuned in to Radio Mallku Bolivia on 4796.47 kHz. It had carriers on both sides within 1,5 kHz so I turned the AGC off, turned down the RF gain and pushed the ANF button and got it readable!

[Non-text portions of this message have been removed]

211. How I learned to stop worrying and love my R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-19 11:33:09 UTC
From: Jem Cullen
Topic: 211 Message: 211

What was it Joannie Mitchell sang?
"you dont know wot u got til its gone..."
(maybe that wasnt joannie Mitchell)

THIS IS A HUGE WARNIG ABOUT RADO'S SYNC/AGC MOD

DO NOT DO IT!!!!

unless you consider yourself an absolute wizard with a soldering rod.. not even very good but Brilliant at it!

Yes this is bitter experience.... yes i did endup with solder not only crossing pins 5 and 6 (slipped off 5 onto 6) but also over about 3 SMD resisters and caps....

spent about about 3 hours to cleaning them all up and i really could not know if i had until i fired it all up at the end. I was sweating and shaking and nearly physically sick! my wife has steam from her ears (you mean u spent over $1000 and 3 days later it needs expensive repairs coz u played inside broke it!!!)

good news is i did clean it up and it seems fine... I finished the mods and it is defn better, but...
of course every static crackle now will mbe a bad solder in the radio now in my mide ..the radio about to die...

im still shaking..

Please guys be honest with urself before u poke around.. pride cometh..
the improvement s good, but its not worth a dead radio.....

my advise if u really want it..pay someone !

well when i thought i had lost it..i realised i loved it

"dont it always seem to go..."

212. Re: [icomr75] How I learned to stop worrying and love my R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-19 12:01:08 UTC
From: Radostin Danev
Topic: 211 Message: 212

Hi Jem,

Well, I'm glad you managed to fix it.

Did you practice on a scrapped PCB before doing it on the R75? Why so much solder there?

In the instructions I'm trying to explain how to do it with very little solder.

Best regards,

Rado

----- Original Message -----
From: "Jem Cullen" <jemmex@...>
To: <icomr75@egroups.com>
Sent: Tuesday, December 19, 2000 8:33 PM
Subject: [icomr75] How I learned to stop worrying and love my R75

> What was it Joannie Mitchell sang?
> "you dont know wot u got til its gone..."
> (maybe that wasnt joannie Mitchell)
>
> THIS IS A HUGE WARNIG ABOUT RADO'S SYNC/AGC MOD
>
> DO NOT DO IT!!!!
>
> unless you consider yourself an absolute wizard with a soldering
> rod.. not even very good but Brilliant at it!
>
> Yes this is bitter experience.... yes i did endup with solder not
> only crossing pins 5 and 6 (slipped off 5 onto 6) but also over about
> 3 SMD resisters and caps....
>
> spent about about 3 hours to cleaning them all up and i really could
> not know if i had until i fired it all up at the end. I was sweating
> and shaking and nearly physically sick! my wife has steam from her
> ears (you mean u spent over $1000 and 3 days later it needs expensive
> repairs coz u played inside broke it!!!)
>
> good news is i did clean it up and it seems fine... I finished the
> mods and it is defn better, but...
> of course every static crackle now will mbe a bad solder in the radio
> now in my mide ..the radio about to die...
>
> im still shaking..

>
> Please guys be honest with urself before u poke around.. pride
> cometh..
> the improvement s good, but its not worth a dead radio.....
>
> my advise if u really want it..pay someone !
>
> well when i thought i had lost it..i realised i loved it
>
> "dont it always seem to go..."
>
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>
>
>

213. DO NOT PERFORM THE MOD

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-19 12:07:53 UTC
From: Radostin Danev
Topic: 213 Message: 213

Hi R75ers,

I've decided that it will be safer to remove the mod instructions.

The mod appears to be quite difficult. Jem is the second case with trouble (happy ending though). I don't want to feel responsible for damaged radios.

SO PLEASE DO NOT PERFORM THE MOD!!!

The best solution will be for the mod to be performed by a qualified person. Like at Kiwa Electronics.

Best regards,

Rado

214. Photos folder

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-19 12:23:57 UTC
From: Radostin Danev
Topic: 214 Message: 214

Hi again,

I was thinking for some time to make this. Let's start to know each other better. I've created a "Photos" folder where everybody could upload their photos.

I've put two photos - now you can see who's the troublemaker.

Go put your photo!

Best regards,

Rado

215. Re: [icomr75] DO NOT PERFORM THE MOD

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-19 16:00:58 UTC
From: Eddie Bryant
Topic: 213 Message: 215

Hello Rado,

-I am disappointed to hear that the modification instructions
are being removed. However, I can understand the position of
responsibility you are in and your reaction.

-I successfully accomplished Mod. 1.0 on my new R75 and
really would not have purchased the radio if I had not
known about the Modification thanks to you.
I have many years of soldering experience behind me so
I was confident about completeing the modification.
I remember my first days of soldering on CB radios and I must
admit it takes practice as you advised. This expensive ICOM
radio would not be a place to start learning your solder skills.

-Even if the modification had gone astray I would have been
totally to blame. I was a little concerned as I bent the lead up
on the IC hoping not to hear it snap!
Your instructions were detailed and extremely thorough.
I even contributed a safety concern which you
later included in your revised Mod.

-All that the future owners of the R75 can hope for is that
maybe ICOM will realize that the improvements such as yours
really benefit the end user and should be a standard feature
on the newer units. I understand that this radio has to meet
certain FCC requirements and this minor change could take
a while to be processed and implemented by ICOM.
Hopefully they will address the issue for existing and future
owners.

-If another commercial company offers to accomplish your
modification I hope you are reimbursed accordingly. A lot
of time and research was done on your part and you should
at least benefit from your efforts. Maybe the company that
offers the AM SYNC mod can also include the switchable
1.6MHz and below attenuater mod. as well.

Thanks for all your work and I still look forward to
participating here in the R75 e-group.

Eddie Bryant
N4UMJ

----- Original Message -----
From: Radostin Danev <rado@...>
To: <icomr75@egroups.com>

Sent: Tuesday, December 19, 2000 7:07 AM
Subject: [icomr75] DO NOT PERFORM THE MOD

> Hi R75ers,
>
> I've decided that it will be safer to remove the mod instructions.
>
> The mod appears to be quite difficult. Jem is the second case with trouble
> (happy ending though). I don't want to feel responsible for damaged
radios.
>
> SO PLEASE DO NOT PERFORM THE MOD!!!
>
> The best solution will be for the mod to be performed by a qualified
person.
> Like at Kiwa Electronics.
>
> Best regards,
>
> Rado

216. Re: [icomr75] How I learned to stop worrying and love my R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-19 18:02:43 UTC
From: lLori Jackson
Topic: 211 Message: 216

hi jem, i'm glad you are feeling better about the radio R75. i hear those kenwood
r5000's are superior for am dxing. icom really concentrates on utes ,rtty, and cw etc.
their strongpoint has never been am or world band, though wb isn't bad.when i had
a nrd535d still the am synch was a joke. even on that great radio and am was okay
but not that great. i think if you max out the r75 w/filters etc....you have a radio as good as any
up to 2,000$. that nrd545 is not that great-the dsp in it doesn't work as well as it was supposed to. any way i hope you feel better now. i will have the am synch/agc mod done by Kiwa
electronics. merry christmas and let's buy that ten tec sw for 4,000$.

----- Original Message -----
From: Jem Cullen <jemmex@...>
To: <icomr75@egroups.com>
Sent: Tuesday, December 19, 2000 3:33 AM
Subject: [icomr75] How I learned to stop worrying and love my R75

> What was it Joannie Mitchell sang?
> "you dont know wot u got til its gone..."
> (maybe that wasnt joannie Mitchell)
>
> THIS IS A HUGE WARNIG ABOUT RADO'S SYNC/AGC MOD
>
> DO NOT DO IT!!!!
>
> unless you consider yourself an absolute wizard with a soldering
> rod.. not even very good but Brilliant at it!
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> Yes this is bitter experience.... yes i did endup with solder not
> only crossing pins 5 and 6 (slipped off 5 onto 6) but also over about
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>
> spent about about 3 hours to cleaning them all up and i really could
> not know if i had until i fired it all up at the end. I was sweating
> and shaking and nearly physically sick! my wife has steam from her
> ears (you mean u spent over $1000 and 3 days later it needs expensive
> repairs coz u played inside broke it!!!)
>
> good news is i did clean it up and it seems fine... I finished the
> mods and it is defn better, but...
> of course every static crackle now will mbe a bad solder in the radio

> now in my mide ..the radio about to die...
>
> im still shaking..
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> Please guys be honest with urself before u poke around.. pride
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> well when i thought i had lost it..i realised i loved it
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> "dont it always seem to go..."
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
>

217. RE: [icomr75] DO NOT PERFORM THE MOD

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-20 03:03:39 UTC
From: Enrique A. Wembagher
Topic: 213 Message: 217

Hi Rado!
I don't agree with which you remove the mod of the list.
Because you are throwing this way to the floor your work !.
You should think of the new users of the r75 that don't still know your work.
I didn't still carry out the mod ...but I will make it, I feel sure because I have many years of soldering experience, (in my school we made one replies of the tower Eiffel in wire copper soldier.. like practices), and recently I bought the rx and had never known about your mod!
Your in the mod. you notice that they make it those that are qualified, so don't have responsibility for it.
Thank you for your great work.

73?s
Enrique

> -----Mensaje original-----
> De: Radostin Danev [mailto:rado@...]
> Enviado el: Martes, 19 de Diciembre de 2000 09:08
> Para: icomr75@egroups.com
> Asunto: [icomr75] DO NOT PERFORM THE MOD
>
>
> Hi R75ers,
>
> I've decided that it will be safer to remove the mod instructions.
>
> The mod appears to be quite difficult. Jem is the second case with trouble
> (happy ending though). I don't want to feel responsible for
> damaged radios.
>
> SO PLEASE DO NOT PERFORM THE MOD!!!
>
> The best solution will be for the mod to be performed by a
> qualified person.
> Like at Kiwa Electronics.
>
> Best regards,
>
> Rado
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com

>
>
>

218. RE: [icomr75] Recording Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-20 03:03:41 UTC
From: Enrique A. Wembagher
Topic: 206 Message: 218

Hi list and Rado

Other good px Rec-soft is Scanner Recorder, is freeware and very easy in:

http://www.davee.com/scanrec.html

Best regards to all r75ers

Enrique

> -----Mensaje original-----
> De: Radostin Danev [mailto:rado@...]
> Enviado el: Martes, 19 de Diciembre de 2000 02:10
> Para: icomr75@egroups.com
> Asunto: [icomr75] Recording Software
>
>
> Hi R75ers,
>
> A few days ago I found a GREAT recording software - RecAll by Sagebrush.
> URL: http://www.sagebrush.com/recall.htm
>
> Some of the features:
> - "Light" program which does not eat system resources
> - VOX capability with adjustable threshold (starts recording only if there
> is signal)
> - "Stamping" the files. Each audio file can have multiple segments. Each
> segment carries information about the actual time it was recorded. When a
> file is active starting a recording (or VOX activation) adds new segment.
> This way each DX-ing session is in one file with many segments.
> I've already
> started writing in my logbook the segment in which a station is (one more
> column). Before I was not recording audio.
> - Automatic naming of the files with the date and optional "category"
> - MP3 support - yes you can record in MP3 format. I'm using
> 11kHz/mono/20kbs
> codec. It gives more than enough quality and requires only about
> 145 kB/min.
> That gives about 70 hours per CD (640MB)!!!
>
> For the MP3 recording you need to install the Fraunhofer MPEG
> Layer 3 codec.
> More information on this at:
>
http://audiograbber.com-us.net/codec.html
http://www.sagebrush.com/rectech.htm

If somebody does not have the codec file (l3codeca.acm) I can upload it in the Files section (it comes with Windows ME as standard).

Check this software out - it's GREAT!

(Disclaimer: I have nothing to do with Sagebrush ... just like the software)

Best regards,

Rado

To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

219. RE: [icomr75] R75...getting to know you...

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-20 04:36:57 UTC
From: Ken
Topic: 190 Message: 219

> Neither. In-line version upgrades are free to registered users.
> Ken thinks
> I'm nuts for doing it that way, but I've always done it that
> way.<G> Fact is,

Oh, I don't think you're nuts for doing it that way... it's just one thread
in a long line of proof I have on the theory :)

> I hate having to regi$ter and re-regi$ter stuff every time a new
> ver$ion comes
> out, so I don't bother to make my customers do it.

Actually, I'm quite certain they appreciate it... :)

And you're still nuts! :)

Happy holidays to all!

Ken

220. Re: DO NOT PERFORM THE MOD

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-20 05:32:57 UTC
From: khgrant@ix.netcom.com
Topic: 213 Message: 220

Rado:

You provided some excellent information to the R75 community, and I applaud your efforts.

I completely disagree with your reaction to people that are having problems making the modifications. I think that removing the files is unnecessary. All that is needed is to add a strong disclaimer in the mod files.

Yes, the modifications are difficult to make. It requires some experience soldering fine traces and so forth. Not everyone has those skills. However, some people on this group do have the technical skills to carry out the mods safely, and to deny everyone the information because some might not heed your advice is unfair.

I would like to see the modification instructions (with warnings added) restored to the file section. Remember, you are not responsible for what people do with the information you provide.

Thanks,

Keith

(p.s. If you don't repost them, could you email copies of the files to me? I havn't downloaded them yet.)

--- In icomr75@egroups.com, "Radostin Danev" <rado@n...> wrote:
> Hi R75ers,
>
> I've decided that it will be safer to remove the mod instructions.
>
> The mod appears to be quite difficult. Jem is the second case with trouble
> (happy ending though). I don't want to feel responsible for damaged radios.
>
> SO PLEASE DO NOT PERFORM THE MOD!!!
>
> The best solution will be for the mod to be performed by a qualified person.
> Like at Kiwa Electronics.
>
> Best regards,
>
> Rado

221. Mod instructions up again

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-20 06:28:06 UTC
From: Radostin Danev
Topic: 221 Message: 221

Eddie, Enrique and Keith - Thanks for your support!

At first I've developed the modifications to improve my own radio. I provide this information only because I want to help others. I don't expect any benefit but I also do not want damaged radios and unhappy people to hang on my consciousness.

I've added a warning message to the instructions. English is not my native language so it may not be frightening enough - advise me on this.

And again:

- READ THE INSTRUCTIONS 3 TIMES
- PRACTICE 10 TIMES
- ITERATE THE ABOVE TWO STEPS UNTIL YOU CAN DO IT WITH YOUR EYES CLOSED
- GO TO THE R75

Best regards,

Rado

222. Re: [icomr75] Mod instructions up again

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-20 14:48:22 UTC
From: lLori Jackson
Topic: 221 Message: 222

your'e a good man rado. thanks for all the help youv'e given us

75er's. joe jackson and mmerry christmas.

----- Original Message -----
From: Radostin Danev <rado@...>
To: <icomr75@egroups.com>
Sent: Tuesday, December 19, 2000 10:28 PM
Subject: [icomr75] Mod instructions up again

> Eddie, Enrique and Keith - Thanks for your support!
>
> At first I've developed the modifications to improve my own radio. I
provide
> this information only because I want to help others. I don't expect any
> benefit but I also do not want damaged radios and unhappy people to hang
on
> my consciousness.
>
> I've added a warning message to the instructions. English is not my native
> language so it may not be frightening enough - advise me on this.
>
> And again:
>
> - READ THE INSTRUCTIONS 3 TIMES
> - PRACTICE 10 TIMES
> - ITERATE THE ABOVE TWO STEPS UNTIL YOU CAN DO IT WITH
> YOUR EYES CLOSED
> - GO TO THE R75
>
> Best regards,
>
> Rado
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
>

223. Re: [icomr75] R75...getting to know you...

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-21 00:00:35 UTC
From: Mark J. Fine
Topic: 190 Message: 223

> Oh, I don't think you're nuts for doing it that way... it's just one thread
> in a long line of proof I have on the theory :)

ROTF. Works for me! Most of you may not be from the NYC area, but there used
to be a guy that sold stereos called Crazy Eddie. Kinda reminded me of that.

73,

Mark J. Fine / mark.fine@...

Serving the Shortwave Community since 1988:
- Owner/Proprietor, FineWare: http://www.fineware-swl.com
- East Coast Monitor, Monitoring Times: http://www.grove-ent.com
- English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa
- CumbreLite Editor, Cumbre DX: http://www.cumbredx.org

224. Re: Mod instructions up again

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-21 01:55:05 UTC
From: khgrant@ix.netcom.com
Topic: 221 Message: 224

Thanks a log Rado!

You have done a great service to this group!

Keith

--- In icomr75@egroups.com, "Radostin Danev" <rado@n...> wrote:
> Eddie, Enrique and Keith - Thanks for your support!
>
> At first I've developed the modifications to improve my own radio. I provide
> this information only because I want to help others. I don't expect any
> benefit but I also do not want damaged radios and unhappy people to hang on
> my consciousness.
>
> I've added a warning message to the instructions. English is not my native
> language so it may not be frightening enough - advise me on this.
>
> And again:
>
> - READ THE INSTRUCTIONS 3 TIMES
> - PRACTICE 10 TIMES
> - ITERATE THE ABOVE TWO STEPS UNTIL YOU CAN DO IT WITH
> YOUR EYES CLOSED
> - GO TO THE R75
>
> Best regards,
>
> Rado

225. RE: [icomr75] Mod instructions up again

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-21 02:09:52 UTC
From: Enrique A. Wembagher
Topic: 221 Message: 225

Hi Rado !
Quieres ayuda en espa?ol ? ... es una broma !
Do you want help in Spanish? ... it is a joke !

Saludos cordiales a todos,

Enrique

> -----Mensaje original-----
> De: Radostin Danev [mailto:rado@...]
> Enviado el: Mi?rcoles, 20 de Diciembre de 2000 03:28
> Para: icomr75@egroups.com
> Asunto: [icomr75] Mod instructions up again
>
>
> Eddie, Enrique and Keith - Thanks for your support!
>
> At first I've developed the modifications to improve my own
> radio. I provide
> this information only because I want to help others. I don't expect any
> benefit but I also do not want damaged radios and unhappy people
> to hang on
> my consciousness.
>
> I've added a warning message to the instructions. English is not my native
> language so it may not be frightening enough - advise me on this.
>
> And again:
>
> - READ THE INSTRUCTIONS 3 TIMES
> - PRACTICE 10 TIMES
> - ITERATE THE ABOVE TWO STEPS UNTIL YOU CAN DO IT WITH
> YOUR EYES CLOSED
> - GO TO THE R75
>
> Best regards,
>
> Rado
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>

226. Rado and the sync mod

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-21 03:21:37 UTC
From: Jem Cullen
Topic: 226 Message: 226

Hi Rado! (and everyone)
Rado I understand your concern and think it shows u care about
everyone here abouts.

I just want you to know that I feel i took on the job of modding the
radio with my eyes open, i knew it was a risk and hard. I had trouble
and nearly blew it, but all is great now.

But please understand that even if it had of gone BANG!!!!!!!!! and
never worked again, there is no way i would think u even slightly
responsible. There are heaps of warnings and u can see by looking in
that its no place for plumbers (sorry all u plumbers).

It was my risk i took it. I thank u very much for letting us all know
about it, i think u are are a true dXpert!

Thank u mad merry DXmas all
Jem
de VK2JEM
(proud ICOM_IC R75 owner(after all!)..saving for filters and dsp)

227. Updated Smart Icom Control 32

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-23 19:28:34 UTC
From: Mark J. Fine
Topic: 227 Message: 227

Icom List and Registered Users,

Based on a tip by "Richman", found a small bug in the software when auto-filling the current mode within a new a log entry. A fixed version has been uploaded to our web site at http://www.fineware-swl.com/sic.html. Upgraders should install the update using the "Compact" option.

Registered users are further reminded to run their registration key after installing the update.

73,

Mark J. Fine / mark.fine@...

Serving the Shortwave Community since 1988:
- Owner/Proprietor, FineWare: http://www.fineware-swl.com
- East Coast Monitor, Monitoring Times: http://www.grove-ent.com
- English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa
- CumbreLite Editor, Cumbre DX: http://www.cumbredx.org

228. LF sensitivity

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-26 14:15:01 UTC
From: aunumero13@aol.com
Topic: 228 Message: 228

Hi R-75 users,

I've just received a R-75 and ran some tests with my TS-870S....
Here are the results on some LF frequencies :
(Ant. was ALA-100, 18m circ. loop from Wellbrook)

KHz. Station S on R-75 S on 870S
60.0 MSF Rugby S8 S8
75.0 HBG S9+ S9+
77.5 DCF S9+ S9+
291.0 "WS" NDB S0 S7
346.0 "CH" NDB S3 S8
603.0 "France Bleu" S9+ S9+
765.0 "Option Musique" S9 S9
Results are very similar below 300 and above 500 KHz but not in between.

Have some of you noticed this lack of sensibility around 300 > 500 KHz ?
I'm a bit disappointed as my main interest in NDB DX'ing....
How to put it right (except using the preamp that brings a high noise level) ?

Thanks for your help,
Pat (France)

229. RE: [icomr75] LF sensitivity

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-26 19:24:02 UTC
From: Ken
Topic: 228 Message: 229

Hi Pat-

I'm just curious if you've done the mod for AM sensitivity. Apparently there's a deliberate loss to help prevent overload in the MW ranges, and I don't know how far down this goes, but 300 might be a good guess. :)

Would be worth a look!

Ken

> I'm a bit disappointed as my main interest in NDB DX'ing....
> How to put it right (except using the preamp that brings a high
> noise level) ?
>
> Thanks for your help,
> Pat (France)
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>

230. Re: [icomr75] LF sensitivity

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-26 16:37:42 UTC
From: Gert Nilsson
Topic: 228 Message: 230

My R75 with the mw attenuator removed has good sensitivity also between 300 and 500 kHz. An NDB in Alert NT Canada was heard 3 days ago. Your sensitivity problem seems a little strange as there are no bandpassfilters especially for this band. Berhaps something wrong with the lowpassfilter?
----- Original Message -----
From: aunumero13@...
To: icomr75@egroups.com
Sent: Tuesday, December 26, 2000 2:15 PM
Subject: [icomr75] LF sensitivity

Hi R-75 users,

I've just received a R-75 and ran some tests with my TS-870S....
Here are the results on some LF frequencies :
(Ant. was ALA-100, 18m circ. loop from Wellbrook)

KHz. Station S on R-75 S on 870S
60.0 MSF Rugby S8 S8
75.0 HBG S9+ S9+
77.5 DCF S9+ S9+
291.0 "WS" NDB S0 S7
346.0 "CH" NDB S3 S8
603.0 "France Bleu" S9+ S9+
765.0 "Option Musique" S9 S9
Results are very similar below 300 and above 500 KHz but not in between.

Have some of you noticed this lack of sensibility around 300 > 500 KHz ?
I'm a bit disappointed as my main interest in NDB DX'ing....
How to put it right (except using the preamp that brings a high noise level) ?

Thanks for your help,
Pat (France)

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icomr75-unsubscribe@egroups.com

[Non-text portions of this message have been removed]

231. Re: [icomr75] LF sensitivity

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-27 09:15:38 UTC
From: Radostin Danev
Topic: 228 Message: 231

Hi Pat,

Yes ... as Gert pointed out the insensitivity region seems strange. I'm not into LW but I can hear a lot of beacons between 300 and 400. Also Radio Russia at 273 kHz (? not sure about the exact freq.). My <1.6 MHz attenuator is still there (not shorted). Have you tried the other antenna input? Which one are you using?
There is no 3rd IF (450 kHz) "trap" filter I can see in the schematic (the reduced sensitivity seems like it's something like this).
My recent experimentation with JJY at 40 kHz (time signal in Japan) showed that Preamp 1 even reduces the sensitivity at such low frequencies. Probably due to the coupling transformers it uses. The inspiration for this experiment was a radio-controlled clock (uses JJY) I've bought several days ago.

Best regards,

Rado

----- Original Message -----
From: <aunumero13@...>
To: <icomr75@egroups.com>
Sent: Tuesday, December 26, 2000 11:15 PM
Subject: [icomr75] LF sensitivity

> Hi R-75 users,
>
> I've just received a R-75 and ran some tests with my TS-870S....
> Here are the results on some LF frequencies :
> (Ant. was ALA-100, 18m circ. loop from Wellbrook)
>
> KHz. Station S on R-75 S on 870S
> 60.0 MSF Rugby S8 S8
> 75.0 HBG S9+ S9+
> 77.5 DCF S9+ S9+
> 291.0 "WS" NDB S0 S7
> 346.0 "CH" NDB S3 S8
> 603.0 "France Bleu" S9+ S9+
> 765.0 "Option Musique" S9 S9
> Results are very similar below 300 and above 500 KHz but not in between.
>
> Have some of you noticed this lack of sensibility around 300 > 500 KHz ?
> I'm a bit disappointed as my main interest in NDB DX'ing....
> How to put it right (except using the preamp that brings a high noise level) ?
>

> Thanks for your help,
> Pat (France)
>
> eGroups Sponsor
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
>

232. Re: [icomr75] LF sensitivity

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-27 14:50:30 UTC
From: aunumero13@aol.com
Topic: 228 Message: 232

Hi Rado and Gert,

Many thanks for your replies.

<< Have you tried the other antenna input? Which one are you using? >>
I'm using the 50 Ohms input.

It's amazing to see how the signal level can change within a few kilohertz....
The broadcast station on 273 KHz is very loud and as strong on R-75 as on the TS-870S (and as far as I can remember, as strong as it was with AOR-7030 too).
The S-meter shows a very similar value on both sets.

Then on 291 KHz, where a local NDB transmits, (less then 20 KHz up !!!) the value is completly different (S7 on the 870 and S0 on R-75). How can this happen ?
I listened carefully but did not notice any change and the background noise level though the beacon seems to be stronger on the Kenwwod.
Does this mean it is simply due to the S-meter calibration that is unaccurate up to 280KHz ? Tomorrow I will probably make some measurements with a SSG.
So wait and see.

Kind regards,
Pat.

233. Optional filters

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-28 07:05:34 UTC
From: Jem Cullen
Topic: 233 Message: 233

Hi everyone!
I just uploaded a MS-Excel file into the info folder of the files section.

Its a table of the filters ICOM offer as options for the R-75 and how they can be employed and what they give you.

What I have not taken into account is such things as shape factor and filter quality, nor the effect of using various combinations (using 2.8 then 2.4 compared to 2.4 then 2.8) as i dont have any experience or info on this.

Also some people may have different ideas on pairings, and Im not sure about the synch mode 455khz restriction.

I would really appreciate if some of you who know how the filters perform and work together could check this out and give me feedback, as i think if we can polish this chart up it would be a good guide for anyone planning to buy filters.

Well if my chart is right I think i will get FL103 & FL222 or FL52A.
73 de Jem
vk2jem

234. ANF in CW mode

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-28 07:38:48 UTC
From: aunumero13@aol.com
Topic: 234 Message: 234

Hi R-75 users !

Does anyone know if it's possible to enable the NOTCH FILTER in CW mode ??
It only functions in SSB and I'd like to use it in CW....
How to proceed ?

Many thanks !

I wish you all a happy new year with many DX

Pat.

235. Re: [icomr75] LF sensitivity

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-28 11:29:47 UTC
From: Radostin Danev
Topic: 228 Message: 235

Hi Pat,

I don't have SSG but today I made a quick and dirty SG from a single-conversion analog portable. I modded it a little so that the LO could go down to 300 kHz. Using the S-meter on the R75 I found no "singularity" points in the sensitivity from 300 kHz up to 1 MHz. There is a slow trend of increasing of the sensitivity as the freq. goes up but this could be an artifact from my "quick-n-dirty" setup. I checked the S-meter reading every 5 kHz. I used ANT2 input.

Waiting to see your SSG results.

Best regards,

Rado

----- Original Message -----
From: <aunumero13@...>
To: <icomr75@egroups.com>
Sent: Wednesday, December 27, 2000 11:50 PM
Subject: Re: [icomr75] LF sensitivity

> Hi Rado and Gert,
>
> Many thanks for your replies.
>
> << Have you tried the other antenna input? Which one are you using? >>
> I'm using the 50 Ohms input.
>
> It's amazing to see how the signal level can change within a few kilohertz....
> The broadcast station on 273 KHz is very loud and as strong on R-75 as on the
> TS-870S (and as far as I can remember, as strong as it was with AOR-7030
> too).
> The S-meter shows a very similar value on both sets.
>
> Then on 291 KHz, where a local NDB transmits, (less then 20 KHz up !!!) the
> value is completly different (S7 on the 870 and S0 on R-75). How can this
> happen ?
> I listened carefully but did not notice any change and the background noise
> level though the beacon seems to be stronger on the Kenwwod.
> Does this mean it is simply due to the S-meter calibration that is unaccurate

> up to 280KHz ? Tomorrow I will probably make some measurements with a SSG.
> So wait and see.
>
> Kind regards,
> Pat.
>
>
>
>
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>
>
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>
>
>
>

236. Re: [icomr75] ANF in CW mode

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-28 11:34:07 UTC
From: Radostin Danev
Topic: 234 Message: 236

Hi again Pat,

The ANF also works in AM/S-AM modes. I have not checked if it could be enabled in CW but even if it could I think it will actually "notch" the CW itself. It is an audio DSP so it makes no difference AM/SSB/CW.

Best regards,

Rado

----- Original Message -----
From: <aunumero13@...>
To: <icomr75@egroups.com>
Sent: Thursday, December 28, 2000 4:38 PM
Subject: [icomr75] ANF in CW mode

> Hi R-75 users !
>
> Does anyone know if it's possible to enable the NOTCH FILTER in CW mode ??
> It only functions in SSB and I'd like to use it in CW....
> How to proceed ?
>
> Many thanks !
>
> I wish you all a happy new year with many DX
>
> Pat.
>
> eGroups Sponsor
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
>

237. Speaking of filters

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-28 11:55:04 UTC
From: Radostin Danev
Topic: 237 Message: 237

Hi R75-ers,

Yesterday I changed the 15 kHz/450 filter (Murata CFWS450E) with a 4 kHz one (CFWS450IT). This is really THE FILTER. Now my filter settings for AM/S-AM are:

AM
9 MHz 450/5 kHz

Narrow - 15 kHz 3.3 kHz (FL-257)
Normal - 15 kHz 4.0 kHz (CFWS450IT)
Wide - 15 kHz 6.0 kHz

S-AM
9 MHz 450 kHz

Narrow - 2.4 kHz 4.0 kHz
Normal - 15 kHz 4.0 kHz
Wide - 15 kHz 6.0 kHz

This filter should have been placed by iCOM instead of the 6 kHz one. It makes a lot of difference - no more adjacent (5kHz) channel heterodynes and the audio quality (speech) is almost not impaired. The 6 kHz one is for strong stations in the clear. Maybe I'll upload audio sample soon.

The modification itself is much more difficult (at least it was for me - I don't have a lot of tools) than the AGC/Synch. mod. De-soldering the old filter was a pain in the a--. My iron is only 30W so it was a little on the weak side - 3 pins of the filter are soldered to massive ground. The board is multilayer so the holes were full of solder from one side to the other - very difficult to remove it. Any tips for such situations? It took me about 45 minutes to de-solder the old filter. Soldering the new one was a breeze.

Anyway - I'm very happy with this upgrade. Makes a lot of difference on S-AM.

Best regards,

Rado

P.S. I have one more CFWS450IT - if someone wants to try his "soldering muscles" I'll be glad to send it to him. The first to request gets it.

238. Re: [icomr75] ANF in CW mode

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-28 12:19:08 UTC
From: Mark Turner
Topic: 234 Message: 238

Pat said....
>
> Does anyone know if it's possible to enable the NOTCH FILTER in CW mode ??
> It only functions in SSB and I'd like to use it in CW....

I just tried to enable the ANF in CW mode and my R75 just made a low pitched beep to say it didn't want to do it, so no you can't use ANF in CW mode at least not on an unmodified R75.

I did try enabling ANF whilst listening to some morse in LSB mode and it does a very good job eliminating the morse apart from some slight clicks as each tone starts. This is exactly what I expected it to do though, so I'm not sure what you hoped to achieve? If you were hoping to use the ANF to eliminate one morse signal to make listening to another easier then I'm afraid you won't be able to do that as the ANF is automagic rather than tuneable by the user.

If you're trying to peak a particular morse signal and find that the R75's filters plus pass-band-tuning won't do the job well enough then you could try an external DSP. My favourite is a software one (Windows only I think) called ChromaSOUND.

Cheers,

Mark.

239. Re: [icomr75] Speaking of filters

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-28 17:17:20 UTC
From: Ron M
Topic: 237 Message: 239

Hi Rado,
If you have the filter still I would appreciate it! Happy Holidays!
Ron Monfeli

----- Original Message -----
From: "Radostin Danev" <rado@...>
To: <icomr75@egroups.com>
Sent: Thursday, December 28, 2000 3:55 AM
Subject: [icomr75] Speaking of filters

> Hi R75-ers,
>
> Yesterday I changed the 15 kHz/450 filter (Murata CFWS450E) with a 4 kHz
one
> (CFWS450IT). This is really THE FILTER. Now my filter settings for AM/S-AM
> are:
>
> AM
> 9 MHz 450/5 kHz
>
> Narrow - 15 kHz 3.3 kHz (FL-257)
> Normal - 15 kHz 4.0 kHz (CFWS450IT)
> Wide - 15 kHz 6.0 kHz
>
>
> S-AM
> 9 MHz 450 kHz
>
> Narrow - 2.4 kHz 4.0 kHz
> Normal - 15 kHz 4.0 kHz
> Wide - 15 kHz 6.0 kHz
>
> This filter should have been placed by iCOM instead of the 6 kHz one. It
> makes a lot of difference - no more adjacent (5kHz) channel heterodynes
and
> the audio quality (speech) is almost not impaired. The 6 kHz one is for
> strong stations in the clear. Maybe I'll upload audio sample soon.
>
> The modification itself is much more difficult (at least it was for me - I
> don't have a lot of tools) than the AGC/Synch. mod. De-soldering the old
> filter was a pain in the a--. My iron is only 30W so it was a little on
the
> weak side - 3 pins of the filter are soldered to massive ground. The board
> is multilayer so the holes were full of solder from one side to the
other -

> very difficult to remove it. Any tips for such situations? It took me
about
> 45 minutes to de-solder the old filter. Soldering the new one was a
breeze.
>
> Anyway - I'm very happy with this upgrade. Makes a lot of difference on
> S-AM.
>
> Best regards,
>
> Rado
>
> P.S. I have one more CFWS450IT - if someone wants to try his "soldering
> muscles" I'll be glad to send it to him. The first to request gets it.
>
>
>
> To unsubscribe from this group, send an email to:
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>
>
>
>

240. How to Defeat the 1.6MHz attenuation

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-28 17:38:23 UTC
From: aunumero13@aol.com
Topic: 240 Message: 240

Hi Don, Gert, Rado and the other ones !

First of all, I would say "sorry for my very poor english" !

This afternoon I visited a friend who has a SSG and we made some measurements.
Actually, we wanted to removed the attenuator (for freq. below 1.6 MHz) and
see what happens because my main interest is NDB DX'ing.

R-75 specs show sensitivity abt 2.0µV below 1.6 MHz and abt 0.2 µV above.

Gert wrote : <<Just bridge the small gap!. It is very easy to check.
Just use a screwdriver to make a connection. >>
We did this but found a very small difference !!! 4 dB only on the
generator....
Gert : could you tell me what you had "before" and "after" the mod ??
(i.e S5 before, S9 after on xyz frequency)
Maybe we did not make a "clean" connection ? there was no difference on the
S-meter when we bridged the small gap.

I'd like to see the schematic just to be sure we put the screwdriver at the
right place !!!
Please confirm we have to remove the upper lid to reach the CP
I can't believe it makes such a poor improvement.... I'm very disappointed.
the CP looked like a circle (orange) divided in 2, close the the rear panel.

<< This modification makes a big difference in weak MW. >>
Lucky guy !!!!

Infos are most welcome...

Pat.

241. How to Defeat the 1.6MHz attenuation

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-28 18:19:30 UTC
From: aunumero13@aol.com
Topic: 240 Message: 241

Hi all,

An important thing I forgot to ask in my second mail (concerning the attenuator) :

when the attenuator is not removed and if you listen to a "clean" frequency, is there a big difference on the noise level on 1500 KHz for example (attenuator "on") and 2200 KHz where the attenuator is supposed to be disabled ?

Scanning quickly the band here, I did not notice any difference in the noise level around 1600-1800 KHz. I suppose it should....

BTW, where does the attenuator start "working ? 1.6 or 1.8 MHz ?

Using the TS-870S we immediatly know that the attenuator is enabled : on 489.9 KHz the noise level is quite strong .... on 490.1 it is much weaker... I did not notice such a difference on the R-75 !! maybe I did not tune to the right frequency but it seems a bit strange...

I hope i'm not too boring with this, but I'd like to improve sensibility on LF/VLF.

Pat..

242. New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-28 18:48:36 UTC
From: icomr75@egroups.com
Topic: 242 Message: 242

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the icomr75
group.

File : /R75 mods/1.6MHzAttPoint.jpg
Uploaded by : n4umj@...
Description : 1.6 MHz Attenuator Point Solder Pads

You can access this file at the URL

http://www.egroups.com/files/icomr75/R75+mods/1%2E6MHzAttPoint%2Ejpg

To learn more about eGroups file sharing, please visit

http://www.egroups.com/help/files.html

Regards,

n4umj@...

243. Re: [icomr75] Desoldering Operation / File Upload

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-28 19:16:34 UTC
From: Eddie Bryant
Topic: 243 Message: 243

> From: Radostin Danev <rado@...>

> "The modification itself is much more difficult (at least it was for me -
I
> don't have a lot of tools) than the AGC/Synch. mod. De-soldering the old
> filter was a pain in the a--. My iron is only 30W so it was a little on
the
> weak side - 3 pins of the filter are soldered to massive ground. The board
> is multilayer so the holes were full of solder from one side to the
other -
> very difficult to remove it. Any tips for such situations?

Hello Rado,

I had some prior experience in desoldering RF transistors on massive
heatsinks and also components on multilayer circuit boards. The
Weller soldering station is the way to go. It is regulated and when it
starts to see the heatsink effect from the large mass (multilayer circuit
board) it will regulate the tip temperature thereby putting out a better
regulated tip temperature. My preference is using solder braid to wick
the solder. I never really liked the bulb type solder sucker or the
catapult type solder sucker either. I also had good experience with the
pneumatic air type desoldering iron. Although ,this requires a source
of air to power the solder removal operation.

If you were using a plain pencil tip soldering iron I can see why your
message contained the expletive "pain in the a--"! : ')

I think if you could apply heat to all three solder joints at once and
remove it you would be a lot better off. Otherwise if you did not care
to salvage your old filter you could just cut it up with a pair of cutters
and since you would be removing the heat absorbing mass of the filter
it would probably just come right out a lot faster with less chance of
pulling out the eyelet.

It is a hard call ,but the last thing you want to have to do is rewire the
internal workings of a damaged PC board.

By the way , I uploaded an Image to the FILES SECTION of this
egroup that shows the inside of my R75 and the two solder pads that
can be jumpered to provide the additional gain below 1.6MHz. On my
radio this is typically a 1/2 to 1 S-Unit. I am not too sure this is all
that
beneficial but I did place a SPST switch in my R75 so I can enable and
disable it.

Eddie Bryant
N4UMJ
Matthews, North Carolina USA

244. RE: [icomr75] Speaking of filters

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-29 03:24:46 UTC
From: Enrique A. Wembagher
Topic: 237 Message: 244

Hi Rado !
Did I arrive late for the filter?
I am happy for your update !
73?s
Enrique

> -----Mensaje original-----
> De: Radostin Danev [mailto:rado@...]
> Enviado el: Jueves, 28 de Diciembre de 2000 08:55
> Para: icomr75@egroups.com
> Asunto: [icomr75] Speaking of filters
>
>
> Hi R75-ers,
>
> Yesterday I changed the 15 kHz/450 filter (Murata CFWS450E) with
> a 4 kHz one
> (CFWS450IT). This is really THE FILTER. Now my filter settings for AM/S-AM
> are:
>
> AM
> 9 MHz 450/5 kHz
>
> Narrow - 15 kHz 3.3 kHz (FL-257)
> Normal - 15 kHz 4.0 kHz (CFWS450IT)
> Wide - 15 kHz 6.0 kHz
>
>
> S-AM
> 9 MHz 450 kHz
>
> Narrow - 2.4 kHz 4.0 kHz
> Normal - 15 kHz 4.0 kHz
> Wide - 15 kHz 6.0 kHz
>
> This filter should have been placed by iCOM instead of the 6 kHz one. It
> makes a lot of difference - no more adjacent (5kHz) channel
> heterodynes and
> the audio quality (speech) is almost not impaired. The 6 kHz one is for
> strong stations in the clear. Maybe I'll upload audio sample soon.
>
> The modification itself is much more difficult (at least it was for me - I
> don't have a lot of tools) than the AGC/Synch. mod. De-soldering the old
> filter was a pain in the a--. My iron is only 30W so it was a
> little on the

> weak side - 3 pins of the filter are soldered to massive ground. The board
> is multilayer so the holes were full of solder from one side to
> the other -
> very difficult to remove it. Any tips for such situations? It
> took me about
> 45 minutes to de-solder the old filter. Soldering the new one was
> a breeze.
>
> Anyway - I'm very happy with this upgrade. Makes a lot of difference on
> S-AM.
>
> Best regards,
>
> Rado
>
> P.S. I have one more CFWS450IT - if someone wants to try his "soldering
> muscles" I'll be glad to send it to him. The first to request gets it.
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>

245. Re: [icomr75] Speaking of filters

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-29 05:05:53 UTC
From: Radostin Danev
Topic: 237 Message: 245

Hi Enrique and others,

The filter goes to Ron - he was first.
I got 2 filters from Murata as samples after I wrote an e-mail to their international department asking where can I get such a small quantity in Japan. Before that I tried shops and distributors but to no avail. One week after my inquiry I received a package with the filters and product catalogs. In USA maybe it will be possible to find it from a distributor or again as a sample from Murata.

Another option is to install a Kiwa premium 450 kHz module - it has much better shape factor and ultimate rejection see it at:

http://www.kiwa.com/PFM450.html

Best regards,

Rado

----- Original Message -----
From: "Enrique A. Wembagher" <Eawemb@...>
To: <icomr75@egroups.com>
Sent: Friday, December 29, 2000 12:24 PM
Subject: RE: [icomr75] Speaking of filters

Hi Rado !
Did I arrive late for the filter?
I am happy for your update !
73?s
Enrique

> -----Mensaje original-----
> De: Radostin Danev [mailto:rado@...]
> Enviado el: Jueves, 28 de Diciembre de 2000 08:55
> Para: icomr75@egroups.com
> Asunto: [icomr75] Speaking of filters
>
>
> Hi R75-ers,
>
> Yesterday I changed the 15 kHz/450 filter (Murata CFWS450E) with
> a 4 kHz one
> (CFWS450IT). This is really THE FILTER. Now my filter settings for AM/S-AM
> are:
>
> AM
> 9 MHz 450/5 kHz

>
> Narrow - 15 kHz 3.3 kHz (FL-257)
> Normal - 15 kHz 4.0 kHz (CFWS450IT)
> Wide - 15 kHz 6.0 kHz
>
>
> S-AM
> 9 MHz 450 kHz
>
> Narrow - 2.4 kHz 4.0 kHz
> Normal - 15 kHz 4.0 kHz
> Wide - 15 kHz 6.0 kHz
>
> This filter should have been placed by iCOM instead of the 6 kHz one. It
> makes a lot of difference - no more adjacent (5kHz) channel
> heterodynes and
> the audio quality (speech) is almost not impaired. The 6 kHz one is for
> strong stations in the clear. Maybe I'll upload audio sample soon.
>
> The modification itself is much more difficult (at least it was for me - I
> don't have a lot of tools) than the AGC/Synch. mod. De-soldering the old
> filter was a pain in the a--. My iron is only 30W so it was a
> little on the
> weak side - 3 pins of the filter are soldered to massive ground. The board
> is multilayer so the holes were full of solder from one side to
> the other -
> very difficult to remove it. Any tips for such situations? It
> took me about
> 45 minutes to de-solder the old filter. Soldering the new one was
> a breeze.
>
> Anyway - I'm very happy with this upgrade. Makes a lot of difference on
> S-AM.
>
> Best regards,
>
> Rado
>
> P.S. I have one more CFWS450IT - if someone wants to try his "soldering
> muscles" I'll be glad to send it to him. The first to request gets it.
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>

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To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

246. Re: How to Defeat the 1.6MHz attenuation

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-29 07:49:16 UTC
From: Gert Nilsson
Topic: 240 Message: 246

I did not make any measurements at all. I just listened to the atmosferic noise on medium wave and had a pronounced increase in volume, perhaps in the range of 10 dB. I do not use the S-meter, because this is a digital one with 5 dB steps I think! I also think it underreads a lot on weak signals.

When comparing different receivers the S-meter is not a suitable tool at all. Compare actual readability on very weak signals.

247. Front-end preselection/loss simulations

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-29 12:10:33 UTC
From: Radostin Danev
Topic: 247 Message: 247

Hi R75-ers,

I simulated the passive part of the R75's front-end (before the first mixer). The results are in the file "R75 front-end preselection simulations.pdf" ... Files/Information folder. The effect of the <1.6 MHz attenuator is just about 2 - 3 dB. If the attenuator is removed (R172 - 18 Ohms shorted) there is still loss coming form the resistors R171 & R173 (both 270 Ohms). The global attenuator gives solid 20 dB (not shown in the figures).

Best regards,

Rado

248. Re: S-meters, different readings

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-30 00:25:19 UTC
From: jjga@usa.net
Topic: 240 Message: 248

I absolutely agree with Gert. We have to remember that any S-meter shows only a relative measure (Einstein!) of the strength of any given signal. Different sets --even from the same manufacturer-- exhibit sometimes surprisingly different readings when tuned to the same frequency with the same antenna (so nobody tells me!), when in fact, the signal/station legibility is identical or very similar on both units. My R75's meter underscores many soft signals I can nevertheless perfectly hear. There is almost NO READING, zero, but the station is 'receivable', so the rig is imperfect on that regard, it should mark something, S1 at least. I have noticed that happening several times since I got the Rx earlier this month, compared to my Drake R8A's S1 or S2 for, of course and again, the same signal, with the very same antenna. Close your eyes, use your ears, that's the ultimate S-meter! Well, there is no need to exaggerate!

--- In icomr75@egroups.com, "Gert Nilsson" <gert.nilsson@m...> wrote:
> I did not make any measurements at all. I just listened to the
> atmosferic noise on medium wave and had a pronounced increase in
> volume, perhaps in the range of 10 dB. I do not use the S-meter,
> because this is a digital one with 5 dB steps I think! I also think
> it underreads a lot on weak signals.
>
> When comparing different receivers the S-meter is not a suitable
tool
> at all. Compare actual readability on very weak signals.

249. FL-257 Filter

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-30 19:55:57 UTC
From: Robert Fleck
Topic: 249 Message: 249

Hi,

My primary interest is shortwave dx'ing so I recently installed a optional FL-257 filter to hopefully improve sensitivity. I currantly have my filter selection setup as follows for AM:

9mhz 455mhz
normal 15 - 3.3
narrow 2.4 - 2.4
wide 15 - 6

Can anyone suggest a better combination or recommend additional filters ?

Thanks

Bob

250. RE: [icomr75] Speaking of filters

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-30 20:35:27 UTC
From: Enrique A. Wembagher
Topic: 237 Message: 250

Ok ! Rado
very thanks for you info.
73?s
Enrique

> -----Mensaje original-----
> De: Radostin Danev [mailto:rado@...]
> Enviado el: Viernes, 29 de Diciembre de 2000 02:06
> Para: icomr75@egroups.com
> Asunto: Re: [icomr75] Speaking of filters
>
>
> Hi Enrique and others,
>
> The filter goes to Ron - he was first.
> I got 2 filters from Murata as samples after I wrote an e-mail to their
> international department asking where can I get such a small quantity in
> Japan. Before that I tried shops and distributors but to no
> avail. One week
> after my inquiry I received a package with the filters and
> product catalogs.
> In USA maybe it will be possible to find it from a distributor or
> again as a
> sample from Murata.
>
> Another option is to install a Kiwa premium 450 kHz module - it has much
> better shape factor and ultimate rejection see it at:
>
> http://www.kiwa.com/PFM450.html
>
> Best regards,
>
> Rado
>
> ----- Original Message -----
> From: "Enrique A. Wembagher" <Eawemb@...>
> To: <icomr75@egroups.com>
> Sent: Friday, December 29, 2000 12:24 PM
> Subject: RE: [icomr75] Speaking of filters
>
>
> Hi Rado !
> Did I arrive late for the filter?
> I am happy for your update !
> 73?s

> Enrique
>
> > -----Mensaje original-----
> > De: Radostin Danev [mailto:rado@...]
> > Enviado el: Jueves, 28 de Diciembre de 2000 08:55
> > Para: icomr75@egroups.com
> > Asunto: [icomr75] Speaking of filters
> >
> >
> > Hi R75-ers,
> >
> > Yesterday I changed the 15 kHz/450 filter (Murata CFWS450E) with
> > a 4 kHz one
> > (CFWS450IT). This is really THE FILTER. Now my filter settings
> for AM/S-AM
> > are:
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> > AM
> > 9 MHz 450/5 kHz
> >
> > Narrow - 15 kHz 3.3 kHz (FL-257)
> > Normal - 15 kHz 4.0 kHz (CFWS450IT)
> > Wide - 15 kHz 6.0 kHz
> >
> >
> > S-AM
> > 9 MHz 450 kHz
> >
> > Narrow - 2.4 kHz 4.0 kHz
> > Normal - 15 kHz 4.0 kHz
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> > This filter should have been placed by iCOM instead of the 6 kHz one. It
> > makes a lot of difference - no more adjacent (5kHz) channel
> > heterodynes and
> > the audio quality (speech) is almost not impaired. The 6 kHz one is for
> > strong stations in the clear. Maybe I'll upload audio sample soon.
> >
> > The modification itself is much more difficult (at least it was
> for me - I
> > don't have a lot of tools) than the AGC/Synch. mod. De-soldering the old
> > filter was a pain in the a--. My iron is only 30W so it was a
> > little on the
> > weak side - 3 pins of the filter are soldered to massive
> ground. The board
> > is multilayer so the holes were full of solder from one side to
> > the other -
> > very difficult to remove it. Any tips for such situations? It
> > took me about
> > 45 minutes to de-solder the old filter. Soldering the new one was

> > a breeze.
> >
> > Anyway - I'm very happy with this upgrade. Makes a lot of difference on
> > S-AM.
> >
> > Best regards,
> >
> > Rado
> >
> > P.S. I have one more CFWS450IT - if someone wants to try his "soldering
> > muscles" I'll be glad to send it to him. The first to request gets it.
> >
> >
> >
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>

251. New poll for icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2000-12-31 06:11:13 UTC
From: icomr75@egroups.com
Topic: 15 Message: 251

Enter your vote today! Check out the new poll for the icomr75
group:

Which accessories have you added to
your R-75 installation?

o DSP Unit
o External Speaker (ICOM)
o External Speaker (Other)
o FL-100 9MHz 500Hz
o FL-101 9MHz 250 Hz
o FL-103 9MHz 2.8 kHz
o FL-223 9MHz 1.9 kHz
o FL-232 9MHz 350 Hz
o FL-52A 455K 500 Hz
o FL-53A 455K 250 Hz
o FL-96 455K 2.8 kHz
o FL-222 455K 1.8 kHz
o FL-257 455K 3.3 kHz
o Voice Synthesizer
o High Stability Crystal Unit
o Computer Control Software (any)

To vote, please visit the following web page:

http://www.egroups.com/polls/icomr75

Note: Please do not reply to this message. Poll votes are
not collected via email. To vote, you must go to the eGroups
web site listed above.

Thanks!

252. CFWS450E vs. CFWS450IT - Please Read

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-03 00:59:18 UTC
From: Jason G.
Topic: 252 Message: 252

Since I'm also quite interested in replacing my R75's stock Murata 15kHz/455 (E) filter with a narrower version like the one Rado used on his (IT), I've been looking for more information on the topic, but I'm not too sure yet that the IT 450kHz filter has the right bandwidth I'm after.

Please visit the following URLs (you might have to 'copy' and 'paste' to your browser) when you have a chance and compare the two. Look mainly at the 'Area of Selectivity' and click on 'Frequency Characteristics' on the right panel to see the graphic. Is that IT filter 4kHz wide as stated in the group, or rather 7.5?! Unless...

Rado will surely offer his viewpoint and experience using it, comparing it to the 6 and, let's say, his 3.3 FL-257. If he says it 'sounds in-between' those two, everything should be fine I guess...as long as you know how to do the job, watch out! (Somebody who can will do it for me.)

CFWS450E:
http://www.murata.co.jp/Ceramy/owa/CATALOG.showcatalog?sHinnmTmp=CFWS450E&sLang=2&sNhnm=CFWLA450KEFA-B0&sHnTyp=OLD

CFWS450IT:
http://www.murata.co.jp/Ceramy/owa/CATALOG.showcatalog?sHinnmTmp=CFWS450IT&sLang=2&sNhnm=CFWLA450KJFA-B0&sHnTyp=OLD

253. Re: CFWS450E vs. CFWS450IT

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-03 01:21:23 UTC
From: Jason G.
Topic: 252 Message: 253

The way it posted the link WON'T work automatically.

You have to copy the first line, then add the second, then
hit 'enter' to access each URL.

Sorry for the inconvenience.

254. Another Poll question...

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-03 03:49:13 UTC
From: Ken
Topic: 252 Message: 254

Well, my poll regarding accessories has raised a few more questions :) so I hope nobody will mind if I ask here in the list.

Several people have indicated that they are using computer control software...

My question is WHAT PROGRAM? The Poll won't allow a "fill in the blank" question :)

My personal favorite is Smart Icom from Fineware, but I'm curious what others are using.

Ken

255. Re: [icomr75] Another Poll question...

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-03 04:04:00 UTC
From: LYLE HILDEN
Topic: 252 Message: 255

Ken,
I am also using the fine ware program but have my own written in Visual Basic 6 that is now able to read back the freq and read and control the volume, RFgain, Squelch, Mode,Filters, Anf, NF, and NB. I hope to complete the program soon (1-2 months).

Lyle
Vista, Ca.

256. Re: [icomr75] Re: CFWS450E vs. CFWS450IT

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-03 04:30:30 UTC
From: Graeme Dixon
Topic: 252 Message: 256

Many thanks Jason.

Cheers,

Graeme

on 1/3/01 2:21 PM, Jason G. at jjga@... wrote:

> The way it posted the link WON'T work automatically.
>
> You have to copy the first line, then add the second, then
> hit 'enter' to access each URL.
>
> Sorry for the inconvenience.
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
>

257. Re: [icomr75] CFWS450E vs. CFWS450IT - Please Read

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-04 01:47:42 UTC
From: Radostin Danev
Topic: 252 Message: 257

Hi Jason,

I've just uploaded in the Information folder the whole filters catalog of Murata. Filename: "Murata_piezo_filters.pdf". There the information is more easy to interpret (the CFWS series are listed for the 455 kHz version but the characteristics are the same for the 450). The 6kHz filter in R75 is CFWS450HT.

> Rado will surely offer his viewpoint and experience using it,
> comparing it to the 6 and, let's say, his 3.3 FL-257. If he says
> it 'sounds in-between' those two, everything should be fine I
> guess...as long as you know how to do the job, watch out! (Somebody
> who can will do it for me.)
>

The IT is noticeably narrower than the HT but it is wider than the FL-257 (by ear observations). I use constantly S-AM (can't stand AM since the fix of the S-AM) so my FL-257 does not get a lot of use. For S-AM and AM the IT is much better then the HT (removes the 5 kHz heterodynes and makes the speech much easier to understand). From my ears the three filters HT, IT and FL-257 form a very nice sequence (equally-spaced). I'll upload an audio sample soon which will include each of the above filters.
Still I think that something like the KIWA 4kHz premium module will give much better results than the IT (but I got the IT free).

Best regards,

Rado

258. Re: CFWS450E vs. CFWS450IT - More News!

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-04 04:20:04 UTC
From: Jason G.
Topic: 252 Message: 258

I called Kiwa this afternoon and talked to Craig Siegenthaler regarding replacing that stock 450/15kHz filter. He doesn't feel their 450 module is the best way to go (?!). His opinion, not mine.

He recommends an 'exact match' [size-wise] to the CFWS450E, a less expensive ($40.00 + $2.00 shipping in the U.S.) LFH2SKW (450/4kHz bw [3.8/3.9 kHz @ -6 dB BW]). It's the same they use to upgrade the Sangean ATS-909 (R. Shack DX-398), etc. I'm going to go for it hoping it fits well. The specs are, on paper at least, exactly what I was looking for.

http://www.kiwa.com/ATS909.html

509.453.5492
800.398.1146 (orders only)
kiwa@...

Craig probably won't set an installation price until he does my radio and see how it goes, how difficult it is... I'm hopeful he has better soldering irons than Rado! :-) :-)

Now seriously, we don't know how well it'll work yet. You might want to wait until my 'guinea-pig' R75 returns and I test the enhancements and let you know. The Icom will leave for Yakima, WA tomorrow Thursday 01/04, along with my Drake SW-2 which is going for the 'Performance Upgrade'...another narrower AM filter there.

I will report to the e-Group at the end of January, when all the work is finished...if the radio survives all the surgery!

Well, guys, if you can't wait and you happen to call or write to Kiwa before I can report on the mods, don't forget to mention "Jason sent us", O.K. I might even get a break in price! ;-)

Rado, for your information, I'm sending along to Kiwa copies of your v.1.1 mods, the simple MW attenuation removal, some schematics, etc. to make things easier for Craig. He is one of the very best at these things but he doesn't have the documentation.

Thanks again, R. I really trust your ears and your comments below...but there was this other chance that suddenly came available, and I decided to try it and see what happens so others can also perhaps benefit from it. Keep your fingers crossed that it'll work as desired/expected. It will be nice to have another BW in between 6 & 3.3 (FL-257)!

Cheers and Happy New Year-Century-Millenium to all.

J a s o n

--- In icomr75@egroups.com, "Radostin Danev" <rado@n...> wrote:
> Hi Jason,
>
> I've just uploaded in the Information folder the whole filters catalog of
> Murata. Filename: "Murata_piezo_filters.pdf". There the information is more
> easy to interpret (the CFWS series are listed for the 455 kHz version but
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>
> > Rado will surely offer his viewpoint and experience using it,
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> sample soon which will include each of the above filters.
> Still I think that something like the KIWA 4kHz premium module will give
> much better results than the IT (but I got the IT free).
>
> Best regards,
>
> Rado

259. RE: [icomr75] Another Poll question...

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-04 04:24:17 UTC
From: Ken
Topic: 252 Message: 259

> I am also using the fine ware program but have my own written in
> Visual Basic 6 that is now able to read back the freq and read and
> control the volume, RFgain, Squelch, Mode,Filters, Anf, NF, and
> NB. I hope to complete the program soon (1-2 months).

Hey... squelch... how about that :::: evil grin :::

I'm hoping Mark will add squelch to a future version, but so far he's resisting just to spite me :)

Sounds like an interesting project. Keep us posted!

Ken

260. Coaxial Cable and Wellbrook ALA 1530

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-04 12:04:14 UTC
From: Ross McCallum
Topic: 260 Message: 260

Hi, I have just purchased the IC-R75 with DSP and I'm also going to buy a Wellbrook ALA 1530 active loop antenna. The Wellbrook antenna recommends RG-58C coax as the cable to use but I always thought that RG-213 was the best cable due to the low signal loss.

I would be grateful for any advice on which cable I should buy.

Thanks
Ross

261. Re: [icomr75] Coaxial Cable and Wellbrook ALA 1530

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-04 13:16:42 UTC
From: Gert Nilsson
Topic: 260 Message: 261

On shortwave and short cables, the RG 58 will be quite enough!
----- Original Message -----
From: Ross McCallum
To: icomr75@egroups.com
Sent: Thursday, January 04, 2001 12:04 PM
Subject: [icomr75] Coaxial Cable and Wellbrook ALA 1530

Hi, I have just purchased the IC-R75 with DSP and I'm also going to buy a
Wellbrook ALA 1530 active loop antenna. The Wellbrook antenna recommends
RG-58C coax as the cable to use but I always thought that RG-213 was the
best cable due to the low signal loss.

I would be grateful for any advice on which cable I should buy.

Thanks
Ross

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[Non-text portions of this message have been removed]

262. Re: [icomr75] Coaxial Cable and Wellbrook ALA 1530

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-04 19:12:56 UTC
From: Mark Turner
Topic: 260 Message: 262

Ross said....
> Hi, I have just purchased the IC-R75 with DSP and I'm also going to buy a
> Wellbrook ALA 1530 active loop antenna. The Wellbrook antenna recommends
> RG-58C coax as the cable to use but I always thought that RG-213 was the
> best cable due to the low signal loss.

As Gert said, RG58 should be fine for HF RX unless you have *very* long
cable runs. I feed my ALA1530 with about 40 feet of RG58 and it performs
very well.

Cheers,

Mark.

263. RE: [icomr75] Coaxial Cable and Wellbrook ALA 1530

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-04 19:23:52 UTC
From: Ross McCallum
Topic: 260 Message: 263

Thanks for the reply.

The cable run will be approx 20m.

Ross

-----Original Message-----
From: Mark Turner [mailto:mark@...]
Sent: 04 January 2001 19:13
To: icomr75@egroups.com
Subject: Re: [icomr75] Coaxial Cable and Wellbrook ALA 1530

Ross said....
> Hi, I have just purchased the IC-R75 with DSP and I'm also going to buy a
> Wellbrook ALA 1530 active loop antenna. The Wellbrook antenna recommends
> RG-58C coax as the cable to use but I always thought that RG-213 was the
> best cable due to the low signal loss.

As Gert said, RG58 should be fine for HF RX unless you have *very* long
cable runs. I feed my ALA1530 with about 40 feet of RG58 and it performs
very well.

Cheers,

Mark.

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264. Re: [icomr75] Coaxial Cable and Wellbrook ALA 1530

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-05 01:25:58 UTC
From: Radostin Danev
Topic: 260 Message: 264

Hi Ross,

Check the comparison table at:

http://www.therfc.com/attenrat.htm

Per 100 ft (~30 m) at 10 MHz RG-58C will give -1.4 dB; RG-213 will
give -0.55 dB.
These losses are negligible ... especially with active antenna.
The price ratio is about 1:2 ... the loss ratio about 2.5:1. So RG-213 gives
sort of more bang for the buck. Don't know about the long term stability of
both (weather etc.).
If you are also in the VHF/UHF monitoring the 213 is the better choice.

Best regards,

Rado

----- Original Message -----
From: "Ross McCallum" <rossmccallum@...>
To: <icomr75@egroups.com>
Sent: Thursday, January 04, 2001 9:04 PM
Subject: [icomr75] Coaxial Cable and Wellbrook ALA 1530

> Hi, I have just purchased the IC-R75 with DSP and I'm also going to buy a
> Wellbrook ALA 1530 active loop antenna. The Wellbrook antenna recommends
> RG-58C coax as the cable to use but I always thought that RG-213 was the
> best cable due to the low signal loss.
>
> I would be grateful for any advice on which cable I should buy.
>
> Thanks
> Ross
>
>
> eGroups Sponsor
>
>
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>
>
>
>

265. Re: CFWS450E vs. CFWS450IT - Please Read

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-05 03:36:49 UTC
From: Michael Moore
Topic: 252 Message: 265

--- In icomr75@egroups.com, "Jason G." <jjga@u...> wrote:
> Since I'm also quite interested in replacing my R75's stock Murata
> 15kHz/455 (E) filter with a narrower version like the one Rado used
> on his (IT), I've been looking for more information on the topic,
but
> I'm not too sure yet that the IT 450kHz filter has the right
> bandwidth I'm after.
>
> Please visit the following URLs (you might have to 'copy' and
'paste'
> to your browser) when you have a chance and compare the two. Look
> mainly at the 'Area of Selectivity' and click on 'Frequency
> Characteristics' on the right panel to see the graphic. Is that IT
> filter 4kHz wide as stated in the group, or rather 7.5?! Unless...
>
> Rado will surely offer his viewpoint and experience using it,
> comparing it to the 6 and, let's say, his 3.3 FL-257. If he says
> it 'sounds in-between' those two, everything should be fine I
> guess...as long as you know how to do the job, watch out! (Somebody
> who can will do it for me.)
>
> CFWS450E:
> http://www.murata.co.jp/Ceramy/owa/CATALOG.showcatalog?
> sHinnmTmp=CFWS450E&sLang=2&sNhnm=CFWLA450KEFA-B0&sHnTyp=OLD
>
> CFWS450IT:
> http://www.murata.co.jp/Ceramy/owa/CATALOG.showcatalog?
> sHinnmTmp=CFWS450IT&sLang=2&sNhnm=CFWLA450KJFA-B0&sHnTyp=OLD

If it's like the CFW455IT, I suspect it has a nominal bandwidth of 5.5
kHz.

--
Michael Moore

266. Is Sync MOD working?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-07 08:17:27 UTC
From: khgrant@ix.netcom.com
Topic: 266 Message: 266

Rado (or others):

I made the mods per ver 1.1 tonight (thank you Rado for the directions).
I'm puzzled by the results I'm getting. The improvement in the AGC behavior is dramatic. It seems to ride right through the fades quite well. The wierd part is that I can't detect any difference at all between the AM and AM-Sync audio signal. I used the same component values as described and verified my connections. I'm wondering if the huge increase in the AGC delay is masking the synch improvements? The audio howls briefly when synch is engaged and then settles right down. Moving off frequency a bit, it will synch back up just fine until I exceed its capture range, which I expect. So obviously it functions! The issue is that while sitting on a station with some fades, having synch on makes no discernable difference in the audio quality (keeping in mind that the improvements brought about by the AGC mod for AM are quite dramatic) from normal AM.
I'm wondering if just performing the AGC mod would be sufficient? Maybe I'll try disconnecting it to see. When I get around to it, I'll let you all know.

Anyone else notice this?

Thx,
Keith

267. Re: [icomr75] Is Sync MOD working?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-07 16:03:05 UTC
From: Gerry Busch
Topic: 266 Message: 267

I haven't made any modifications at all to my R75, but despite the fact that S-AM isn't supposed to work, I can still get howls by moving off frequency with S-AM mode selected, and can hear a pop as the VFO locks back onto the correct frequency; the howls are cut off abruptly at that point. Makes me wonder if the radio may have been modified by technicians at the store where I purchased it (new, but a demo). I notice no other difference in performance between AM and S-AM, however.

Gerry

268. Re: Is Sync MOD working?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-07 16:21:49 UTC
From: Johan Letterstål
Topic: 266 Message: 268

Hi Keith,
Be sure you're tuned to a station with SELECTIVE fading.
You should hear a noticeable improvement in s-am mode, especially if
the distorsion is severe (I have two nice audioclips on this if
anyone is interested.
I'm not sure this would be important but I've selected SA in the
setup (s-am always on).
/Johan L, Sweden.

--- In icomr75@egroups.com, khgrant@i... wrote:
> Rado (or others):
>
> I made the mods per ver 1.1 tonight (thank you Rado for the
> directions).
> I'm puzzled by the results I'm getting. The improvement in the AGC
> behavior is dramatic. It seems to ride right through the fades
quite
> well. The wierd part is that I can't detect any difference at all
> between the AM and AM-Sync audio signal. I used the same component
> values as described and verified my connections. I'm wondering if
the
> huge increase in the AGC delay is masking the synch improvements?
> The audio howls briefly when synch is engaged and then settles
right
> down. Moving off frequency a bit, it will synch back up just fine
> until I exceed its capture range, which I expect. So obviously it
> functions! The issue is that while sitting on a station with some
> fades, having synch on makes no discernable difference in the audio
> quality (keeping in mind that the improvements brought about by the
> AGC mod for AM are quite dramatic) from normal AM.
> I'm wondering if just performing the AGC mod would be sufficient?
> Maybe I'll try disconnecting it to see. When I get around to it,
I'll
> let you all know.
>
> Anyone else notice this?
>
> Thx,
> Keith

269. Re: Is Sync MOD working?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-07 16:42:59 UTC
From: khgrant@ix.netcom.com
Topic: 266 Message: 269

Thanks Johan,

I'll keep trying.

Keith
--- In icomr75@egroups.com, "Johan Letterstål"
<johan.letterstal@m...> wrote:
> Hi Keith,
> Be sure you're tuned to a station with SELECTIVE fading.
> You should hear a noticeable improvement in s-am mode, especially
if
> the distorsion is severe (I have two nice audioclips on this if
> anyone is interested.
> I'm not sure this would be important but I've selected SA in the
> setup (s-am always on).
> /Johan L, Sweden.
>
> --- In icomr75@egroups.com, khgrant@i... wrote:
> > Rado (or others):
> >
> > I made the mods per ver 1.1 tonight (thank you Rado for the
> > directions).
> > I'm puzzled by the results I'm getting. The improvement in the
AGC
> > behavior is dramatic. It seems to ride right through the fades
> quite
> > well. The wierd part is that I can't detect any difference at all
> > between the AM and AM-Sync audio signal. I used the same
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> > values as described and verified my connections. I'm wondering if
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> > huge increase in the AGC delay is masking the synch improvements?
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> > until I exceed its capture range, which I expect. So obviously it
> > functions! The issue is that while sitting on a station with some
> > fades, having synch on makes no discernable difference in the
audio
> > quality (keeping in mind that the improvements brought about by
the
> > AGC mod for AM are quite dramatic) from normal AM.
> > I'm wondering if just performing the AGC mod would be sufficient?
> > Maybe I'll try disconnecting it to see. When I get around to it,
> I'll

> > let you all know.
> >
> > Anyone else notice this?
> >
> > Thx,
> > Keith

270. Filters: 3.3 or 2.8kHz?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-07 22:45:43 UTC
From: khgrant@ix.netcom.com
Topic: 270 Message: 270

Okay, another filter question:

I want to get 2 filters for my R75. My listening interests are AM, AM-S, and SSB. I havn't done much RTTY, so that is not a high priority for me.

After looking at J Cullen's filter spreadsheet (thanks for the resource!), and looking at other peoples comments, my plan is as follows:

I want a narrower 9 MHz filter for SSB (FL223 1.9kHz). I also want a wider 455 kHz filter than the stock 2.4kHz for AM and SSB listening.

So now the question - which one would be a better choice: the 3.3 or 2.8 kHz filters? By my way of thinking, the 2.8 seems too close in BW to the default 2.4 kHz filter. I'm wondering if I would be better off with the 3.3. Seems like it would make a good filter for the AM medium and SSB wide positions.

Does anyone have direct experience with this choice? I would appreciate any feedback you have.

Keith

(I just made the Synch/AGC mods and am enjoying playing with the radio)

271. Re: [icomr75] Re: Is Sync MOD working?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-09 02:10:20 UTC
From: Radostin Danev
Topic: 266 Message: 271

Hi Keith,

As Johan already mentioned the synch. improves stations with selective fading. Find a station which has distortion on the audio during the fades in AM mode (selective fading) then switch to S-AM. The synch. also improves the audio with the narrow filters even if there is no selective fading (phase delays in the passband I think). Set the narrow mode for both AM and S-AM as: 2.4kHz/9 6kHz/450. Now find a relatively weak station and switch between AM and S-AM ... there should be a difference.

A tip: If you are tuning around in S-AM mode turn on the ANF - this almost completely eliminates the whistles leaving only some clicks (very fast auto-notch!). When you are locked on a station turn off the ANF for better audio.

About the filters to buy - I have the 3.3 kHz/455 filter. This is a nice choice for both AM (not selectable in S-AM) and SSB.

Best regards,

Rado

----- Original Message -----
From: <khgrant@...>
To: <icomr75@egroups.com>
Sent: Monday, January 08, 2001 1:42 AM
Subject: [icomr75] Re: Is Sync MOD working?

Thanks Johan,

I'll keep trying.

Keith
--- In icomr75@egroups.com, "Johan Letterst?"
<johan.letterstal@m...> wrote:
> Hi Keith,
> Be sure you're tuned to a station with SELECTIVE fading.
> You should hear a noticeable improvement in s-am mode, especially
if
> the distorsion is severe (I have two nice audioclips on this if
> anyone is interested.
> I'm not sure this would be important but I've selected SA in the
> setup (s-am always on).
> /Johan L, Sweden.
>
> --- In icomr75@egroups.com, khgrant@i... wrote:
> > Rado (or others):

> >
> > I made the mods per ver 1.1 tonight (thank you Rado for the
> > directions).
> > I'm puzzled by the results I'm getting. The improvement in the
AGC
> > behavior is dramatic. It seems to ride right through the fades
> quite
> > well. The wierd part is that I can't detect any difference at all
> > between the AM and AM-Sync audio signal. I used the same
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> > values as described and verified my connections. I'm wondering if
> the
> > huge increase in the AGC delay is masking the synch improvements?
> > The audio howls briefly when synch is engaged and then settles
> right
> > down. Moving off frequency a bit, it will synch back up just fine
> > until I exceed its capture range, which I expect. So obviously it
> > functions! The issue is that while sitting on a station with some
> > fades, having synch on makes no discernable difference in the
audio
> > quality (keeping in mind that the improvements brought about by
the
> > AGC mod for AM are quite dramatic) from normal AM.
> > I'm wondering if just performing the AGC mod would be sufficient?
> > Maybe I'll try disconnecting it to see. When I get around to it,
> I'll
> > let you all know.
> >
> > Anyone else notice this?
> >
> > Thx,
> > Keith

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272. Re: [icomr75] Re: Is Sync MOD working?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-09 02:13:51 UTC
From: Radostin Danev
Topic: 266 Message: 272

Hi Johan,

Could you upload the audio clips in the "Audio" folder in the "Files"
section of the group?

The SA setting in the setup should do nothing after mod Ver.1.1.

Best regards,

Rado

----- Original Message -----
From: "Johan Letterst?l" <johan.letterstal@...>
To: <icomr75@egroups.com>
Sent: Monday, January 08, 2001 1:21 AM
Subject: [icomr75] Re: Is Sync MOD working?

> Hi Keith,
> Be sure you're tuned to a station with SELECTIVE fading.
> You should hear a noticeable improvement in s-am mode, especially if
> the distorsion is severe (I have two nice audioclips on this if
> anyone is interested.
> I'm not sure this would be important but I've selected SA in the
> setup (s-am always on).
> /Johan L, Sweden.
>

273. Re: Is Sync MOD working?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-09 05:44:48 UTC
From: khgrant@ix.netcom.com
Topic: 266 Message: 273

The synch mod is still not working! There is no audible difference between AM and S-AM regardless of the signal strength or fading. I've been playing with it for several days now and am running out of ideas.

As I noted before, the modification did improve the AGC behavior, but S-AM does not produce any noticable change regardless of the fading.

I've tried 'SA' mode on and off with no change. Setting the filter bandwidths to narrow for both AM and S-AM results in no audible difference with S-AM! When I switch to S-AM mode, I hear a brief whistle which leads me to believe that it really is switching modes. Whistling also occurs when I tune off frequency a bit, to the synchronous detector appears to operate.

I have checked and double checked my wiring (I'm an electrical engineer among other things) and everything matches the schematic. I was pretty careful about static and soldering so I don't think I damaged anything.

Anyone have ideas? About the only thing left to try is to replace (or measure) the caps. The 12K resistor is ok.

keith
--- In icomr75@egroups.com, "Radostin Danev" <rado@n...> wrote:
> Hi Keith,
>
> As Johan already mentioned the synch. improves stations with selective
> fading. Find a station which has distortion on the audio during the fades in
> AM mode (selective fading) then switch to S-AM. The synch. also improves the
> audio with the narrow filters even if there is no selective fading (phase
> delays in the passband I think). Set the narrow mode for both AM and S-AM
> as: 2.4kHz/9 6kHz/450. Now find a relatively weak station and switch
> between AM and S-AM ... there should be a difference.
>
> A tip: If you are tuning around in S-AM mode turn on the ANF - this almost
> completely eliminates the whistles leaving only some clicks (very fast
> auto-notch!). When you are locked on a station turn off the ANF for better

> audio.
>
> About the filters to buy - I have the 3.3 kHz/455 filter. This is a
nice
> choice for both AM (not selectable in S-AM) and SSB.
>
> Best regards,
>
> Rado
>
>
> ----- Original Message -----
> From: <khgrant@i...>
> To: <icomr75@egroups.com>
> Sent: Monday, January 08, 2001 1:42 AM
> Subject: [icomr75] Re: Is Sync MOD working?
>
>
> Thanks Johan,
>
> I'll keep trying.
>
> Keith
> --- In icomr75@egroups.com, "Johan Letterst?"
> <johan.letterstal@m...> wrote:
> > Hi Keith,
> > Be sure you're tuned to a station with SELECTIVE fading.
> > You should hear a noticeable improvement in s-am mode, especially
> if
> > the distorsion is severe (I have two nice audioclips on this if
> > anyone is interested.
> > I'm not sure this would be important but I've selected SA in the
> > setup (s-am always on).
> > /Johan L, Sweden.
> >
> > --- In icomr75@egroups.com, khgrant@i... wrote:
> > > Rado (or others):
> > >
> > > I made the mods per ver 1.1 tonight (thank you Rado for the
> > > directions).
> > > I'm puzzled by the results I'm getting. The improvement in the
> AGC
> > > behavior is dramatic. It seems to ride right through the fades
> > quite
> > > well. The wierd part is that I can't detect any difference at
all
> > > between the AM and AM-Sync audio signal. I used the same
> component
> > > values as described and verified my connections. I'm wondering
if

> > the
> > > huge increase in the AGC delay is masking the synch
improvements?
> > > The audio howls briefly when synch is engaged and then settles
> > right
> > > down. Moving off frequency a bit, it will synch back up just
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> > > until I exceed its capture range, which I expect. So obviously
it
> > > functions! The issue is that while sitting on a station with
some
> > > fades, having synch on makes no discernable difference in the
> audio
> > > quality (keeping in mind that the improvements brought about by
> the
> > > AGC mod for AM are quite dramatic) from normal AM.
> > > I'm wondering if just performing the AGC mod would be
sufficient?
> > > Maybe I'll try disconnecting it to see. When I get around to it,
> > I'll
> > > let you all know.
> > >
> > > Anyone else notice this?
> > >
> > > Thx,
> > > Keith
>
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274. Re: [icomr75] Re: Is Sync MOD working?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-09 06:02:14 UTC
From: Radostin Danev
Topic: 266 Message: 274

Hi Keith,

Not working in sense that it does not remove the selective fading distortion? Or you are listening to a station which does not suffer from selective fading? Do you know what selective fading sounds like?
From your description I think that everything is OK with the mod. If you hear a whistle when de-tuning this means that the synch. is working.
Check the audio sample in the Files/Audio folder of the group:

http://www.egroups.com/files/icomr75/Audio/

The R75 is in the left channel. Also read the description text file for the audio sample.

Good luck!

Rado

275. Re: [icomr75] Re: Is Sync MOD working?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-09 06:03:14 UTC
From: Radostin Danev
Topic: 266 Message: 275

One more thing - are you using the internal speaker of the R75?

Rado

276. Re: Filters: 3.3 or 2.8kHz?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-09 09:35:00 UTC
From: Jem Cullen
Topic: 270 Message: 276

i think what you should keep in mind is which combination of filters gives you which extra bandwidths in synch mode.... I dont have access to the table right now but you will find there are limitations on am-s filters. If you have already thought of this i apologise for the interruption.

I think 1.9 +2.8 seems a good combination.

--- In icomr75@egroups.com, khgrant@i... wrote:
> Okay, another filter question:
>
> I want to get 2 filters for my R75. My listening interests are AM, AM-
> S, and SSB. I havn't done much RTTY, so that is not a high priority
> for me.
>
> After looking at J Cullen's filter spreadsheet (thanks for the
> resource!), and looking at other peoples comments, my plan is as
> follows:
>
> I want a narrower 9 MHz filter for SSB (FL223 1.9kHz). I also want a
> wider 455 kHz filter than the stock 2.4kHz for AM and SSB listening.
>
> So now the question - which one would be a better choice: the 3.3 or
> 2.8 kHz filters? By my way of thinking, the 2.8 seems too close in BW
> to the default 2.4 kHz filter. I'm wondering if I would be better off
> with the 3.3. Seems like it would make a good filter for the AM
> medium and SSB wide positions.
>
> Does anyone have direct experience with this choice? I would
> appreciate any feedback you have.
>
> Keith
>
> (I just made the Synch/AGC mods and am enjoying playing with the
> radio)

277. Re: Is Sync MOD working?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-09 16:13:13 UTC
From: khgrant@ix.netcom.com
Topic: 266 Message: 277

Rado:

Yes, I do know what selective fading sounds like. I have tried it on many weak stations with no difference.

I agree that the whistling indicates that it is basically working, but I can't explain why it does not improve the audio perceptibly.

I tried the earlier suggestion to use narrow filters for both AM and S-AM and swiched between them. Absolutely no difference! I've listened to the audio file and don't get the same results.

Is it possible that the cap(s) I installed are either mis-labeled or defective? Might that lead to the symptoms?

One thing I don't remember: did S-AM whistle when de-tuning before the mod?

Any help would be appreciated.

Keith
--- In icomr75@egroups.com, "Radostin Danev" <rado@n...> wrote:
> Hi Keith,
>
> Not working in sense that it does not remove the selective fading
> distortion? Or you are listening to a station which does not suffer from
> selective fading? Do you know what selective fading sounds like?
> From your description I think that everything is OK with the mod. If you
> hear a whistle when de-tuning this means that the synch. is working.
> Check the audio sample in the Files/Audio folder of the group:
>
> http://www.egroups.com/files/icomr75/Audio/
>
> The R75 is in the left channel. Also read the description text file for the
> audio sample.
>
> Good luck!
>
> Rado

278. Re: [icomr75] Re: Is Sync MOD working?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-09 18:04:13 UTC
From: Gert Nilsson
Topic: 266 Message: 278

Yes, the S-AM has the whistle before modification. In fact the S-AM functions, but it looses the lock and there is a problem with the AGC. Are you sure that the lifted pin of the IC is free from the tinned area below? If not, your S-AM functions as before.
----- Original Message -----
From: khgrant@...
To: icomr75@egroups.com
Sent: Tuesday, January 09, 2001 4:13 PM
Subject: [icomr75] Re: Is Sync MOD working?

Rado:

Yes, I do know what selective fading sounds like. I have tried it on many weak stations with no difference.

I agree that the whistling indicates that it is basically working, but I can't explain why it does not improve the audio perceptibly.

I tried the earlier suggestion to use narrow filters for both AM and S-AM and swiched between them. Absolutely no difference! I've listened to the audio file and don't get the same results.

Is it possible that the cap(s) I installed are either mis-labeled or defective? Might that lead to the symptoms?

One thing I don't remember: did S-AM whistle when de-tuning before the mod?

Any help would be appreciated.

Keith
--- In icomr75@egroups.com, "Radostin Danev" <rado@n...> wrote:
> Hi Keith,
>
> Not working in sense that it does not remove the selective fading
> distortion? Or you are listening to a station which does not suffer from
> selective fading? Do you know what selective fading sounds like?
> From your description I think that everything is OK with the mod. If you
> hear a whistle when de-tuning this means that the synch. is working.
> Check the audio sample in the Files/Audio folder of the group:
>
> http://www.egroups.com/files/icomr75/Audio/
>
> The R75 is in the left channel. Also read the description text file for the
> audio sample.

>
> Good luck!
>
> Rado

eGroups Sponsor

To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

[Non-text portions of this message have been removed]

279. Re: [icomr75] Re: Is Sync MOD working?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-10 00:56:59 UTC
From: Radostin Danev
Topic: 266 Message: 279

Hi Keith,

> Yes, I do know what selective fading sounds like. I have tried it on
> many weak stations with no difference.
>
> I agree that the whistling indicates that it is basically working,
> but I can't explain why it does not improve the audio perceptibly.
>
> I tried the earlier suggestion to use narrow filters for both AM and
> S-AM and swiched between them. Absolutely no difference! I've
> listened to the audio file and don't get the same results.

This is strange. There should be some difference.

> Is it possible that the cap(s) I installed are either mis-labeled or
> defective? Might that lead to the symptoms?

I don't think that mis-labeled is a possibility. Defective is more likely. Check the polarity and as Gert mentioned - connect a DC voltmeter between the wire from pin 23 (positive leg of C2 in the instructions) and ground (negative leg of C2). The voltage should be above 0.5 V. When locked on a station it should go up (as I remember above 2.0 V). Check that the ground connection is good.

> One thing I don't remember: did S-AM whistle when de-tuning before
> the mod?

If you are centered on a station and S-AM is locked then:

1) before the mod: there is no audible whistle when de-tuning in 1 kHz steps until you go more than 3 kHz from the carrier - then there is a constant whistle (out of lock range).

2) after the mod: there is about 1 sec whistle when de-tuning in 1 kHz steps before the PLL is re-locked. When you go more than 3 kHz from the carrier the whistle is constant (out of lock range).

If pin 23 is still grounded then the behavior should be like in case 1). If pin 23 is "floating" (bad cap or connections) then the behavior will be more like 2) but there will be some strange things (have not tried it). Maybe your pin 23 is floating. If the connections are OK then replace the cap with new one.

Good luck!

Rado

280. Test of the rx

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-10 01:19:15 UTC
From: Enrique A. Wembagher
Topic: 280 Message: 280

Hi list !
To those that it interests them the test of the rx published in Short Wave
Magazine requests it to me in personal form.
Sorry for not sharing it in the list, but it would be violating the
copyright of SWM.
Cordial greetings,

Enrique

****
Enrique A. Wembagher
Buenos Aires
Argentina
eawemb@...
****

281. Re: Is Sync MOD working?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-10 06:27:08 UTC
From: khgrant@ix.netcom.com
Topic: 266 Message: 281

Rado:

Ok, I've tried several things now.

I re-verified my wiring. Pin 23 is not shorted to ground.

I swapped out the 100uf cap; no change.

With S-AM enabled, I can tune -3.1 - +4.0kHz before losing synch lock.

Monitoring the DC voltage on pin 23 produces odd results. When S-AM is enabled, it measures 0.772V. Turning synch off usually results in 0.761V but sometimes the voltage jumps to 1 - 2 V. Nothing audibly unusual occurs when this happens. Enabling and disabling synch again usually shifts it back to 0.761. Have you ever noticed different DC voltages when synch is disabled?

How dramatic a difference do you hear on fading signals? I have a Sony 2010 which has a great synch. When I switch the synch on the change in the audio signal is rather dramatic. I'm trying to downgrade my expectations, but if there are differences in the signal, I'm having trouble resolving them.

As always, you help is greatly appreciated.

Keith

--- In icomr75@egroups.com, "Radostin Danev" <rado@n...> wrote:
> Hi Keith,
>
> > Yes, I do know what selective fading sounds like. I have tried it on
> > many weak stations with no difference.
> >
> > I agree that the whistling indicates that it is basically working,
> > but I can't explain why it does not improve the audio perceptibly.
> >
> > I tried the earlier suggestion to use narrow filters for both AM and
> > S-AM and swiched between them. Absolutely no difference! I've
> > listened to the audio file and don't get the same results.
>
> This is strange. There should be some difference.
>
> > Is it possible that the cap(s) I installed are either mis-labeled or
> > defective? Might that lead to the symptoms?

>
> I don't think that mis-labeled is a possibility. Defective is more
likely.
> Check the polarity and as Gert mentioned - connect a DC voltmeter
between
> the wire from pin 23 (positive leg of C2 in the instructions) and
ground
> (negative leg of C2). The voltage should be above 0.5 V. When
locked on a
> station it should go up (as I remember above 2.0 V). Check that the
ground
> connection is good.
>
> > One thing I don't remember: did S-AM whistle when de-tuning before
> > the mod?
>
> If you are centered on a station and S-AM is locked then:
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> 1) before the mod: there is no audible whistle when de-tuning in 1
kHz steps
> until you go more than 3 kHz from the carrier - then there is a
constant
> whistle (out of lock range).
>
> 2) after the mod: there is about 1 sec whistle when de-tuning in 1
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> before the PLL is re-locked. When you go more than 3 kHz from the
carrier
> the whistle is constant (out of lock range).
>
> If pin 23 is still grounded then the behavior should be like in
case 1). If
> pin 23 is "floating" (bad cap or connections) then the behavior
will be more
> like 2) but there will be some strange things (have not tried it).
Maybe
> your pin 23 is floating. If the connections are OK then replace the
cap with
> new one.
>
> Good luck!
>
> Rado

282. RE: [icomr75] Test of the rx

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-11 00:04:03 UTC
From: Enrique A. Wembagher
Topic: 280 Message: 282

Many demands Rado,
That is good !

Enrique

> Hi list !
> To those that it interests them the test of the rx published in Short Wave
> Magazine requests it to me in personal form.
> Sorry for not sharing it in the list, but it would be violating the
> copyright of SWM.
> Cordial greetings,
>
> Enrique
>

283. New audio samples uploaded

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-11 02:52:28 UTC
From: Radostin Danev
Topic: 283 Message: 283

Hi R75-ers,

Check the new audio samples in the Files/Audio folder of the group.

Johan has uploaded two S-AM samples (in RealAudio).

I uploaded another two samples (this time the files are small - I learned how to make nice MP3s :-)):

1) 30s AM 30s SAM.mp3

Till now we have been discussing the improvement S-AM gives to selective fading stations. There is another advantage however. With weak stations close to the noise floor and narrow filters S-AM provides much better S/N ratio. Even if there is no selective fading (just usual one) when the station fades close to the noise floor AM detection distorts the audio. S-AM provides much cleaner signal.

2) 20s 6k SAM 20s 4k SAM 20s 3_3k AM.mp3

This is an example of the filter upgrade (change 15kHz/455 filter with 4kHz one). I cannot use the 3.3kHz (FL-257) in S-AM mode so the last 20s are in AM mode.

Best regards,

Rado

284. Some thoughts on the IF freqs.

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-11 03:04:42 UTC
From: Radostin Danev
Topic: 284 Message: 284

Hi (again) R75-ers,

About the implementation of AM and S-AM IC. Icom could have implemented it at 455kHz IF. The IC spec shows that it can be used on a wide range of IF frequencies. Now I wonder why Icom choose to use separate (450kHz) IF for AM and S-AM. Two possibilities I can think of:

1) The engineer simply read the datasheet of the IC and choose the IF used in the examples there.

2) It was difficult to find 3.64 MHz ceramic oscillator for the PLL (they use 3.60 MHz = 450 x 8)

Think of the advantages of a single IF (455kHz) - easy to find filters (450kHz ones are rare); all the filters could be used in all modes (SSB, AM, S-AM) etc.

This makes me think that Icom designed this receiver in sort of a hurry.

Well, I'm still very happy with my R75 - love it.

Best regards,

Rado

285. Re: [icomr75] Re: Is Sync MOD working?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-11 03:19:08 UTC
From: Radostin Danev
Topic: 266 Message: 285

Hi Keith,

Check the new audio samples - they may help some.

> With S-AM enabled, I can tune -3.1 - +4.0kHz before losing synch lock.

That's OK.

> Monitoring the DC voltage on pin 23 produces odd results. When S-AM
> is enabled, it measures 0.772V. Turning synch off usually results in
> 0.761V but sometimes the voltage jumps to 1 - 2 V. Nothing audibly
> unusual occurs when this happens. Enabling and disabling synch again
> usually shifts it back to 0.761. Have you ever noticed different DC
> voltages when synch is disabled?

In AM mode the voltage on pin 23 is sort of unpredictable - the PLL is
turned off. You should only check it when in S-AM.
How long does it take for the synch. to lock after you switch to S-AM?

> How dramatic a difference do you hear on fading signals? I have a
> Sony 2010 which has a great synch. When I switch the synch on the
> change in the audio signal is rather dramatic. I'm trying to
> downgrade my expectations, but if there are differences in the
> signal, I'm having trouble resolving them.

Now one can say that the SONYs have poor AM. That's why such a big
difference between AM and synch. R75 uses quasi-synchronous detector for AM.
Theoretically if there is a strong carrier there should be almost no
noticeable difference between AM and S-AM. With selective fading and/or weak
stations S-AM should provide much better audio.

Here is the best way to check if your S-AM is working as it should. Take
your Sony 2010 and your R75. Tune them both to a strong station suffering
selective fading. Set both radios to AM mode and wide filters (6kHz). Place
one receiver on your right side the other on your left. Adjust the volumes
so that you hear both radios equal. Confirm that when there is carrier fade
you hear the distortion on both radios (AM mode both). Now switch R75 to
S-AM. You should now hear the carrier fade distortions only on the Sony.
Switch the Sony to synch. mode. Compare the performance of both synchs. Let
us know about the results.

Best regards,

Rado

286. Re: R75 Filter Questions

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-13 00:44:23 UTC
From: Joe M
Topic: 122 Message: 286

Howdy
Gerry THANK YOU!!!!
I been a member of e-groups for a while but just found this group yesterday. I've had my R-75 a while. I was going to post after I read them all but I am stunned, pure stunned with your answer. It took reading over 129 messages to get to one that made sense. I learned more from this one post than all the rest. This aint my first rodeo, been dx swl on and off since I was on the DMZ in Korea during the mid 70's and I have owned a few shortwaves since then- analog and digital but my forte ain't in electronics and I know it. Antennae and knob twiddling are about it, but u know what? That's all I have ever needed all these years. U know its nice to know about electron flow, filament composition, power generation, charged atoms and all that but the light still works when people who don't know that throw the switch.
Joe
in North Texas

user and abuser of the following radios
a couple analog, a DAK, a DX-440, a DX 394 (still a workhorse in my gunsmithing- reloading shop- nobody ever told it that it got bad reviews) an ats 909 (which was sent and is on active duty to Bosnia), a (head hung low)grundig yb 400 which is the most disappointing radio I have ever owned (My aor 8200 and 1500 work better on swl) a DX-398- yes, yes, I know, I know but I loaned out my 909 as I said and I live real close to the REAL radio shack outlet in Ft Worth Tx and the price more than made up for the loss of 909 vs DX-398 label on the case, and the IC R-75 and I studied long and hard about that or the Drake and I will flat out say it- money mattered!!!

--- In icomr75@egroups.com, Gerry Busch <gbusch@s...> wrote:
> Gert Nilsson wrote:
>
> > If you press the filter button for 2 seconds you get into the filter selection mode. Pressing the up or down button selects the narrow, normal or wide position for the different IFs. Rotating the tuning knob choose among the filters. I have the 2,8 kHz filter for 9MHz and 3,3 kHz for 455 kHz IF. I have the following setting for SSB:
> > Narrow: 2,4 + 2,4 (2,15 kHz total)
> > Normal 2,8 + 3,3
> > Wide 15 + 3,3
>
> That helps quite a bit, Gert. As others have said, the manual isn't too
> clear on this; to make it a bit clearer: Filter combinations can be

> stored for each of the modes. While you are in the filter set menu,
> just activate the mode for which you want to set up some filters,
e.g.
> SSB, CW, AM, by pressing the key for that mode. You'll see the
> corresponding indicator appear in the filter menu.
>
> For each of those modes you can select the filter pair to use for
> "narrow" (shown in the menu by N), "wide" (W) or default (no letter
will
> appear).
>
> Once you have established your settings by pressing the filter
button
> once more to exit the menu, you will find that the filter
combinations
> are different for each mode in which you listen. This alleviates
the
> necessity for finding one setting that will suit all the modes, as
the
> receiver will remember your preferences. You can always override
them
> on a case by case basis, too. As you may already have noticed, any
> frequency you write to memory will be stored with the filter
combination
> in use at the time.
>
> Hope I didn't confuse anyone still further. It basically takes a
bit of
> experimentation and practice to compensate for the lack of more
detailed
> instructions in the user manual.
>
> Regards,
> Gerry

287. Re: Is Sync MOD working? YES!!!

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-13 05:00:45 UTC
From: khgrant@ix.netcom.com
Topic: 266 Message: 287

Rado (and anyone else):

The Sync mod Works! I'm embarrased to say that it has been working all along. I was just not listening for the right thing! Thanks for your recording, it helped me figure it out. I had to re-listen to that recording several times before I recognized the difference between sync off and sync on. Must be my aging ears!

I then did as you suggested and compared the R75 to my 2010. I haven't played with the 2010 since I got the R75, and forgot the exact effects of the synch detector.

I now have to agree with others that the sync modification is definitely worthwhile!
The sync is still not as good as that of the Sony 2010, but it definitely helps. I wish there was a way to make it sideband selectable.

Well, my hat is off to you for coming up with the modification and for all of your help.

Thanks,
Keith

--- In icomr75@egroups.com, "Radostin Danev" <rado@n...> wrote:
> Hi Keith,
>
> Check the new audio samples - they may help some.
>
>
> > With S-AM enabled, I can tune -3.1 - +4.0kHz before losing synch lock.
>
> That's OK.
>
> > Monitoring the DC voltage on pin 23 produces odd results. When S-AM
> > is enabled, it measures 0.772V. Turning synch off usually results in
> > 0.761V but sometimes the voltage jumps to 1 - 2 V. Nothing audibly
> > unusual occurs when this happens. Enabling and disabling synch again
> > usually shifts it back to 0.761. Have you ever noticed different DC
> > voltages when synch is disabled?
>

> In AM mode the voltage on pin 23 is sort of unpredictable - the PLL
is
> turned off. You should only check it when in S-AM.
> How long does it take for the synch. to lock after you switch to S-
AM?
>
> > How dramatic a difference do you hear on fading signals? I have a
> > Sony 2010 which has a great synch. When I switch the synch on the
> > change in the audio signal is rather dramatic. I'm trying to
> > downgrade my expectations, but if there are differences in the
> > signal, I'm having trouble resolving them.
>
> Now one can say that the SONYs have poor AM. That's why such a big
> difference between AM and synch. R75 uses quasi-synchronous
detector for AM.
> Theoretically if there is a strong carrier there should be almost no
> noticeable difference between AM and S-AM. With selective fading
and/or weak
> stations S-AM should provide much better audio.
>
> Here is the best way to check if your S-AM is working as it should.
Take
> your Sony 2010 and your R75. Tune them both to a strong station
suffering
> selective fading. Set both radios to AM mode and wide filters
(6kHz). Place
> one receiver on your right side the other on your left. Adjust the
volumes
> so that you hear both radios equal. Confirm that when there is
carrier fade
> you hear the distortion on both radios (AM mode both). Now switch
R75 to
> S-AM. You should now hear the carrier fade distortions only on the
Sony.
> Switch the Sony to synch. mode. Compare the performance of both
synchs. Let
> us know about the results.
>
>
> Best regards,
>
> Rado

288. General comments about this site and the R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-14 16:08:36 UTC
From: DANNY BLACKBURN
Topic: 288 Message: 288

I am pleased to see this e-group, after stumbling around looking for it in all the wrong places! I am the owner of my second R75 receiver in about a year, having been forced by financial emergency to sell my first one back in August.

I am a little gun-shy about performing the sync-a.m. modification which seems to be so popular with the group, not for any technical reason (I earned my living as a service technician for years), but more for the fact I do not regard synchronous AM as a major feature. In fact, I have owned at least one receiver which had a SUPERB sync detector, far better than most available nowadays, but very seldom used it, unless I was recording a catch onto cassette tape.

I also responded to the polls, but I have a complaint to register: I was given only two choices to respond to in the "usage" poll. I may be the "odd sock" here, but I cannot be alone in using my R75 for amateur and SSB communications, at which the R75 so outstandingly performs!

Perhaps this is why I do not give much merit to synchronous-am performance, or it may be that I am from the "old school" receiver era---not boat anchors, but earlier solid-state technology---having been bitten by the SWL bug as a kid in 1967. For years, I tuned a good many receivers in search of some fine SWL/DX catches, including one very memorable Radio Uganda broadcast during Idi Amin's reign in the late 1970's on my first "serious" receiver, a Realistic DX-160. I grew up valuing a somewhat different set of criteria in my quest for improved receiver performance. Sync-am was not among them.

I am presently using my R75 with a Drake MS-8 external speaker---a leftover from my old Drake receiver mainstay days, when an SW2 formed the heart of my radio setup---and not only does the MS8 give me what I want with my R75's audio, it also looks VERY sharp next to my Icom with the tilt bail extended. I tried several different speakers with my R75, but the Drake has worked the best for me.

I primarily use SSB to tune AM signals, I find this technique to have served me well over the past 24 years, and now especially so with all the neat features available on the R75. I have equipped my R75 with FL-257 and FL-223 I-F filters, which gives me improved performance over my first R75. I also added the UT-102 voice synthesizer unit, primarily for "stamping" my recordings of QSO's and programs. It sure beats writing them in a logbook, and I can easily zip through a cassette tape any time after recording, to locate a particular catch.

I also enjoy the DSP module, I am still waiting for mine from Icom (free with purchase), but I am familiar with it from my first R75. Between the UT-106 DSP, the receiver's twin PBT controls and a good set of optional installed filters, I get great results in all modes without really needing sync-am. I do have a point to make further about the S-AM feature on the receiver.

I have found the synchronous AM to work better (when I do use it) if I first use the RF gain to "bury"
the signal until it just barely breaks the peak at the right end of the "S" meter bar graph

display. Of course, I must adjust the volume accordingly to compensate for the diminished audio, but this is a very minor inconvenience. I then engage the S-AM and there really IS a noticeable difference, when compared to just using S-AM on an "unburied" signal. I could only guess that the "factory" synch circuit is unable to handle signals on which the receiver's AGC was heavily engaged? Only when the S-AM indicator display is blinking, does the synch detector seem to be working. By using the RF gain in this fashion, I have noted that the S-AM actually works pretty fair, at least for my purposes. Perhaps someone else could try this, it may be a cheap-n-easy solution to modifying the unit?

In addition to the Drake speaker and the filters, I use my R75 with a dedicated cassette recorder, controlled from the R75's record remote option. My R75 is connected to a central 13.8-VDC power supply bus, from which all the equipment on my bench is powered. This bus is fed by a 55-amp DC power supply, which is heavy enough to handle my R75, scanner receivers, lighted accessories and my amateur radio transceivers.

My antenna array includes a Winegard multi-element scanner dipole, a triband amateur vertical and an Alpha Delta DX-SWL sloper for my Icom and my amateur gear, all anchored to a 38-foot tower. I also have Industrial Communications Engineering (ICE) lightning/surge protectors on my main coaxial cable feeds, and the scanner antenna if protected by a similar but smaller grounding device. These are all mounted to a three-rod grounding network and bolted to a grounding bus plate atop one of the three rods near the base of my tower.

My other equipment includes a Uniden BC-895XLT scanner receiver (Air/Search/Commercial), Realistic PRO-2050 scanning receiver (Trunk monitor/Public Safety), a Grove tunable notch filter and various antenna switches, meters, etc.

Thank you for reading my post, I hope to get a great deal more from my hobby now that I've found this site!
I will agree that the S-AM function on the R75 leaves much to be desired

[Non-text portions of this message have been removed]

289. Re: General comments about this site and the R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-14 16:30:20 UTC
From: DanJBlack@prodigy.net
Topic: 288 Message: 289

--- In icomr75@egroups.com, "DANNY BLACKBURN" <DanJBlack@p...> wrote:
> I am pleased to see this e-group, after stumbling around looking for it in all the wrong places! I am the owner of my second R75 receiver in about a year, having been forced by financial emergency to sell my first one back in August.
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> I also responded to the polls, but I have a complaint to register: I was given only two choices to respond to in the "usage" poll. I may be the "odd sock" here, but I cannot be alone in using my R75 for amateur and SSB communications, at which the R75 so outstandingly performs!
>
> Perhaps this is why I do not give much merit to synchronous-am performance, or it may be that I am from the "old school" receiver era---not boat anchors, but earlier solid-state technology---having been bitten by the SWL bug as a kid in 1967. For years, I tuned a good many receivers in search of some fine SWL/DX catches, including one very memorable Radio Uganda broadcast during Idi Amin's reign in the late 1970's on my first "serious" receiver, a Realistic DX-160. I grew up valuing a somewhat different set of criteria in my quest for improved receiver performance. Sync-am was not among them.
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particular catch.
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> I have found the synchronous AM to work better (when I do use it) if I first use the RF gain to "bury"
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>
> My antenna array includes a Winegard multi-element scanner dipole, a triband amateur vertical and an Alpha Delta DX-SWL sloper for my Icom and my amateur gear, all anchored to a 38-foot tower. I also have Industrial Communications Engineering (ICE) lightning/surge protectors on my main coaxial cable feeds, and the scanner antenna if protected by a similar but smaller grounding device. These are all mounted to a three-rod grounding network and bolted to a grounding bus plate atop one of the three rods near the base of my tower.
>
> My other equipment includes a Uniden BC-895XLT scanner receiver (Air/Search/Commercial), Realistic PRO-2050 scanning receiver (Trunk monitor/Public Safety), a Grove tunable notch filter and various antenna switches, meters, etc.
>
> Thank you for reading my post, I hope to get a great deal more from my hobby now that I've found this site!
>
> Sort of a P.S. to this, I feel that the R75 is a much better value

than the Drake R-8B, at least when comparing new equipment prices. I have not seen the R-8B priced lower than about $1100, but at under $600, the R75 blows it away in features and coverage. Even considering the cost of the filters, DSP and voice-synth modules, I feel the receiver still makes a better buy at around $1000 total cost, than spending the extra $100-300 on an R-8B, which I consider to be a great receiver in its own right. Only Drake's outstanding synchronous-AM feature and vastly-larger memory storage, separates the R-8B from the Icom. Icom's 50-MHz band coverage and superior construction easily offset this though, at least in my case.

Thanks!
>
> [Non-text portions of this message have been removed]

290. Re: Coaxial Cable and Wellbrook ALA 1530

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-14 16:40:08 UTC
From: DanJBlack@prodigy.net
Topic: 260 Message: 290

--- In icomr75@egroups.com, "Gert Nilsson" <gert.nilsson@m...> wrote:
> On shortwave and short cables, the RG 58 will be quite enough!
> ----- Original Message -----
> From: Ross McCallum
> To: icomr75@egroups.com
> Sent: Thursday, January 04, 2001 12:04 PM
> Subject: [icomr75] Coaxial Cable and Wellbrook ALA 1530
>
>
> Hi, I have just purchased the IC-R75 with DSP and I'm also going
to buy a
> Wellbrook ALA 1530 active loop antenna. The Wellbrook antenna
recommends
> RG-58C coax as the cable to use but I always thought that RG-213
was the
> best cable due to the low signal loss.
>
> I would be grateful for any advice on which cable I should buy.
>
> Thanks

RG-213/U cable in such short runs as yours, would be more difficult to work with. RG-213 is best for external uses, particularly where the cable will be buried or in direct-earth contact, due to its superior jacketing and rot-resistance. If you really want to improve over RG-58, I recommend what is called "RG-8 Mini" cable (RG8/X)---it is only slightly larger, is very easy to handle and work with, and is much less costly than 213 cable. I use it on my Alpha Delta SWL antenna, as well as my bench "jumper" and patch cables to all my tuners, switches and meters. Nice stuff! I got mine from Universal Radio in Reynoldsburg, OH. It has a slick, flexible silver-gray jacket and a very thick shield mesh.
> Ross
>
>
> eGroups Sponsor
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
>
>

> [Non-text portions of this message have been removed]

291. Re: Filters: 3.3 or 2.8kHz?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-14 17:44:59 UTC
From: DanJBlack@prodigy.net
Topic: 270 Message: 291

--- In icomr75@egroups.com, khgrant@i... wrote:
> Okay, another filter question:
>
> I want to get 2 filters for my R75. My listening interests are AM,
AM-
> S, and SSB. I havn't done much RTTY, so that is not a high priority
> for me.
>
> After looking at J Cullen's filter spreadsheet (thanks for the
> resource!), and looking at other peoples comments, my plan is as
> follows:
>
> I want a narrower 9 MHz filter for SSB (FL223 1.9kHz). I also want
a
> wider 455 kHz filter than the stock 2.4kHz for AM and SSB listening.
>
> So now the question - which one would be a better choice: the 3.3
or
> 2.8 kHz filters? By my way of thinking, the 2.8 seems too close in
BW
> to the default 2.4 kHz filter. I'm wondering if I would be better
off
> with the 3.3. Seems like it would make a good filter for the AM
> medium and SSB wide positions.
>
> Does anyone have direct experience with this choice? I would
> appreciate any feedback you have.
>
> Keith
>
> (I just made the Synch/AGC mods and am enjoying playing with the
> radio)

I recommend the FL-223 in the second I-F, and the FL-257 for the third I-F. I am using these choices right now, and I have experienced the difference in performance over my first set of filters. My first set used an FL-222 which left no decent AM filter available for 9Mhz, and that mistake was a costly one, in that I had to sell both my old filters at a great loss, then buy two new ones of the "right" kind.

The real problem with the AM filter choices, is that the R75 already has 2.4-KHz filters in both 9MHz and 455KHz positions. This means that they are both too narrow for most AM work, and the stock 6-Khz filter is not sharp enough for crowded SW bands.

The choice is therefore made pretty easy, really! Since the ONLY plug-in optional filter available for AM is in the 455-KHz I-F stage, which is the FL-257 with 3.3-KHz bandwidth, this is the way to go. For narrow SSB, use the FL-223 in the 9MHz stage. It sharpens-up the selectivity nicely for amateur/utility SSB work.

My filter selections are:

MODE 9MHz 455KHz

AM-Wide 15 6
AM-Normal 15 3.3
AM-Narrow 2.4 2.4

SSB-Wide 15 3.3
SSB-Normal 2.4 2.4
SSB-Narrow 1.9 2.4

Hope this helps!

292. Re: Filters: 3.3 or 2.8kHz?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-14 20:06:32 UTC
From: khgrant@ix.netcom.com
Topic: 270 Message: 292

Dan:

Thanks for your response. Your comment mirror what I was thinking.
I'm going to order the filters and try them out!

Keith
--- In icomr75@egroups.com, DanJBlack@p... wrote:
> I recommend the FL-223 in the second I-F, and the FL-257 for the
> third I-F. I am using these choices right now, and I have
experienced
> the difference in performance over my first set of filters. My
first
> set used an FL-222 which left no decent AM filter available for
9Mhz,
> and that mistake was a costly one, in that I had to sell both my old
> filters at a great loss, then buy two new ones of the "right" kind.
>
> The real problem with the AM filter choices, is that the R75 already
> has 2.4-KHz filters in both 9MHz and 455KHz positions. This means
> that they are both too narrow for most AM work, and the stock 6-Khz
> filter is not sharp enough for crowded SW bands.
>
> The choice is therefore made pretty easy, really! Since the ONLY
> plug-in optional filter available for AM is in the 455-KHz I-F
stage,
> which is the FL-257 with 3.3-KHz bandwidth, this is the way to go.
> For narrow SSB, use the FL-223 in the 9MHz stage. It sharpens-up
the
> selectivity nicely for amateur/utility SSB work.
>
> My filter selections are:
>
> MODE 9MHz 455KHz
>
> AM-Wide 15 6
> AM-Normal 15 3.3
> AM-Narrow 2.4 2.4
>
> SSB-Wide 15 3.3
> SSB-Normal 2.4 2.4
> SSB-Narrow 1.9 2.4
>
> Hope this helps!

293. R75 "EXP" menu question?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-15 13:49:16 UTC
From: Danny Blackburn
Topic: 293 Message: 293

In the R75's filter-settings menu, there is a tab for "EXP on/off". I cannot seem to make this function change ANYTHING! At first, I assumed it was relevant to the addition of optional filters, but that is not the case, as the optional filters are assimilated through the use of the oP1 and oP2 tabs. The manual does little to provide an explanation for the "expanded" function. Seems to be a useless or at least, redundant menu setting. Can anyone in the group provide me with a clue about this feature?

294. Re: R75 "EXP" menu question?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-15 16:46:55 UTC
From: khgrant@ix.netcom.com
Topic: 293 Message: 294

Danny:

As I recall (I'm not at home) setting Exp On enables more filter choices for the selected function. I think it might be the Narrow setting, but I dont remember exactly.

Try this: set Exp Off, and scroll through the filter choices for the mode you selected. Turn Exp On and repeat the scroll. I think you will find that the list is longer.

Keith

--- In icomr75@egroups.com, "Danny Blackburn" <DanJBlack@p...> wrote:
> In the R75's filter-settings menu, there is a tab for "EXP on/off". I
> cannot seem to make this function change ANYTHING! At first, I
> assumed it was relevant to the addition of optional filters, but that
> is not the case, as the optional filters are assimilated through the
> use of the oP1 and oP2 tabs. The manual does little to provide an
> explanation for the "expanded" function. Seems to be a useless or at
> least, redundant menu setting. Can anyone in the group provide me
> with a clue about this feature?

295. Front end from back end

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-15 22:46:10 UTC
From: Joe M
Topic: 295 Message: 295

Howdy yall
Just finished reading all 294 post in the
last couple of days so now I know who to buy
used equipment from and who not to :)
If u are like me and can't tell your radios
front end from your back end and all this
filter stuff is way over our head may I suggest
http://www.kiwa.com/kiwapub.html KIWA's
"Tips for Improving Receiver Performance"
followed by
http://www.kiwa.com/kiwa455.html
If anyone else has a site for BRIEF
explanations please list them.
Remember all that NECESSARY to operate a
short-wave is a power source and a piece
of wire- the rest sure does make it NICER to
operate one.
lol
thanks
Joe
In North Texas

296. "Rado"-mod Modification

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-16 00:24:47 UTC
From: Danny Blackburn
Topic: 296 Message: 296

After reading everything posted about the sync modifications, I decided after all, to give it a try. I approached the task of making the necessary additions to the circuit, with a view toward compromise of the recommendations by Rado, and based on my usual reservations about tampering with otherwise well-engineered equipment.

Instead of installing a 47uF cap between IC pin 23 and ground, I elected to use a 33uF one instead. I have found it quite satisfactory, perhaps just a bit faster to lock than the 47uF. The decay-time of the 47uF cap is of course, slower and would retain lock somewhat longer, but I reasoned that if a signal faded long enough for the 33uF capacitor to release the sync-lock, it would pay me dividends to have the sync re-lock more quickly.

I also compromised somewhat with the capacitor value used on pin #4. Assuming that a 470uF capacitor was only borderline-sufficient, yet not really wanting to more than double it to 1000uF, I chose a 660uF value to perform the task of slowing the IC's hyperactive AGC. Again, the results are completely satisfactory for me.

A previous post of mine to this site, detailed my observations of my unmodified receiver, and the use of the RF gain to "bury" a signal. What I interpreted as an action by the sync circuit, was apparently only a characteristic of the AGC. The smoothing of the AM signal was just the AGC doing its job with a much-reduced operating range (due to the severe limits imposed by the RF gain), and the blinking of the sync "S" was an indication that I was actually LOSING sync-lock.

Now that I better understand the dynamic of this circuit design, thanks to Rado's tenacious research, I am beginning to gain more appreciation of the benefits of the now-improved synchronous AM to the R75.

I would not however, recommend this modification for everyone! My "trick" use of the RF gain control which I described earlier, will still produce improved results for many users (or, by simply using the time-honored technique of ECSS tuning). Even though I incorrectly believed the sync detector was working better, the bottom line (improved results with fading and distorted audio) may justify trying my method, for those who are unable or unwilling to perform the installation of the capacitors.

What a beautiful improvement these modifications would be, if adopted by Icom (perhaps with even further research under lab conditions, Icom could redesign not only the circuit, but select a different IC for the R75's sync detector)!

While I still do not regard synchronous AM detection with the same enthusiasm as many of you in this e-group (it will not likely move higher than sixth- or seventh-place on my list of primary receiver judging criteria), the feature HAS gained increased merit with me and improved my R75's already-superb performance.

Thanks to everyone involved with the mods and the great feedback!

297. Re: Front end from back end

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-16 00:28:00 UTC
From: Danny Blackburn
Topic: 295 Message: 297

--- In icomr75@egroups.com, "Joe M" <rem1875@a...> wrote:
> Howdy yall
> Just finished reading all 294 post in the
> last couple of days so now I know who to buy
> used equipment from and who not to :)
(I can't tell if this is a "slam" or not! Lol!!)
> If u are like me and can't tell your radios
> front end from your back end and all this
> filter stuff is way over our head may I suggest
> http://www.kiwa.com/kiwapub.html KIWA's
> "Tips for Improving Receiver Performance"
> followed by
> http://www.kiwa.com/kiwa455.html
> If anyone else has a site for BRIEF
> explanations please list them.
> Remember all that NECESSARY to operate a
> short-wave is a power source and a piece
> of wire- the rest sure does make it NICER to
> operate one.
(Yeah, especially when it's an R75, ba-bay!!)
> lol
> thanks
> Joe
> In North Texas

298. Re: R75 "EXP" menu question?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-16 00:31:40 UTC
From: Danny Blackburn
Topic: 293 Message: 298

--- In icomr75@egroups.com, khgrant@i... wrote:
> Danny:
>
> As I recall (I'm not at home) setting Exp On enables more filter
> choices for the selected function. I think it might be the Narrow
> setting, but I dont remember exactly.
>
> Try this: set Exp Off, and scroll through the filter choices for
the
> mode you selected. Turn Exp On and repeat the scroll. I think you
> will find that the list is longer.
>
> Keith
>
Nope! Been there, done that. I have run out of ideas on this...lol!
> --- In icomr75@egroups.com, "Danny Blackburn" <DanJBlack@p...>
wrote:
> > In the R75's filter-settings menu, there is a tab for "EXP
on/off".
> I
> > cannot seem to make this function change ANYTHING! At first, I
> > assumed it was relevant to the addition of optional filters, but
> that
> > is not the case, as the optional filters are assimilated through
> the
> > use of the oP1 and oP2 tabs. The manual does little to provide an
> > explanation for the "expanded" function. Seems to be a useless
or
> at
> > least, redundant menu setting. Can anyone in the group provide
me
> > with a clue about this feature?

299. THUMBS UP FOR THE DX-SWL ANTENNA!!

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-16 01:26:00 UTC
From: Danny Blackburn
Topic: 299 Message: 299

If anyone has considered (and has enough space to put it) purchasing a top-notch multi-band wire antenna for their SWL activities, I would like to suggest the Alpha Delta model DX-SWL Sloper. I have owned one for many months now, and this amazing antenna is the finest wire antenna I have yet used.

Approximately 60' (just over 18 meters) in length, not including its counterpoise/ground leg, the antenna covers a very wide portion of the HF spectrum. The antenna is heavy-duty, with large-guage jacketed wire construction.

The antenna has withstood extreme thunderstorm winds, winter gales and every type of precipitation, with no signs of wear or damage. During a recent winter storm, the sloper became covered with a layer of ice and snow so thick, the antenna looked like white Christmas-tree garland. It was so laden-down that I could reach up and touch it from the ground, when normally its lowest point is around 3 meters at the dead-end of its slope.

I used a wooden rake handle to knock off the accumulated ice and snow, and the antenna sprang right back into position with no noticeable sag from its usual position!

Not only has this antenna proven its worth in strength and durability, it also outperforms every wire antennas I have used. During its construction and raising last spring, I had the opportunity to perform a side-by-side "A/B" comparison with another antenna I had been using for SWL work, while still up and operating.

Using a coaxial switch, I selected the two antennas alternately on signals in the BCB, 60-, 49-, 31- and 19-meter SW bands, as well as amateur radio signals in the 75-, 40-, 20- and 12-meter bands. In nearly every comparison, the DX-SWL brought between 1 and 3 full "S" units improvement over my old antenna!

The only exception to this was the 12-meter ham band contacts, where the Alpha Delta gave virtually no noticeable improvement in signal strength---but the antenna DID give noticeably quieter reception, not only on 12 meters but all bands tested, as well. I suspect that the DX-SWL has more "nulls" in its radiation pattern on 12 meters than my old antenna, which may explain the lack of noticeable "s"-meter improvement during testing on that band.

Since the DX-SWL is a "sloper", it takes up less space than most large antennas, and is much easier to erect and maintain. Mine is supported at the feedpoint-end by a steel tower, approximately 23' (7 meters) above ground, sloping to a short mast tie-off at its dead end

approximately 3 meters above ground.

I have also used the antenna for amateur transmitting with good results (7 watts PEP into the antenna got me contacts into Wyoming and Florida one evening!).

I would highly recommend this fine antenna to anyone considering improved performance over a random-wire or monoband dipole.

Thanks for reading my post!

300. RE: [icomr75] Re: R75 "EXP" menu question?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-16 02:08:42 UTC
From: Ken
Topic: 293 Message: 300

I think the deal is that if you have the EXP ON and you have installed optional filters, you can use them in the setup of the wide/normal/narrow selection for each MODE that you wish to set filters for.

I remember having to turn it on before I could get the optional filters to work :)

Ken

> -----Original Message-----
> From: khgrant@... [mailto:khgrant@...]
> Sent: Monday, January 15, 2001 10:47 AM
> To: icomr75@egroups.com
> Subject: [icomr75] Re: R75 "EXP" menu question?
>
>
> Danny:
>
> As I recall (I'm not at home) setting Exp On enables more filter
> choices for the selected function. I think it might be the Narrow
> setting, but I dont remember exactly.
>
> Try this: set Exp Off, and scroll through the filter choices for the
> mode you selected. Turn Exp On and repeat the scroll. I think you
> will find that the list is longer.
>
> Keith
>
> --- In icomr75@egroups.com, "Danny Blackburn" <DanJBlack@p...> wrote:
> > In the R75's filter-settings menu, there is a tab for "EXP on/off".
> I
> > cannot seem to make this function change ANYTHING! At first, I
> > assumed it was relevant to the addition of optional filters, but
> that
> > is not the case, as the optional filters are assimilated through
> the
> > use of the oP1 and oP2 tabs. The manual does little to provide an
> > explanation for the "expanded" function. Seems to be a useless or
> at
> > least, redundant menu setting. Can anyone in the group provide me
> > with a clue about this feature?
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>

>
>

301. Re: [icomr75] "Rado"-mod Modification

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-16 04:18:08 UTC
From: Radostin Danev
Topic: 296 Message: 301

Hi Danny,

From what you describe I think you found one of the first versions of the mod - described in a message by me. Check the last version - PDF file in the Files/R75 mods folder of the group. Filename is "R75_AM_and_SAM_mod_VER11.pdf ".

> Instead of installing a 47uF cap between IC pin 23 and ground, I
> elected to use a 33uF one instead. I have found it quite
> satisfactory, perhaps just a bit faster to lock than the 47uF. The
> decay-time of the 47uF cap is of course, slower and would retain lock
> somewhat longer, but I reasoned that if a signal faded long enough
> for the 33uF capacitor to release the sync-lock, it would pay me
> dividends to have the sync re-lock more quickly.

The value I use is 100uF. I prefer slower (i.e. stabler) synch. There is also an additional resistor to slow the PLL lock/delock even further.

> I also compromised somewhat with the capacitor value used on pin #4.
> Assuming that a 470uF capacitor was only borderline-sufficient, yet
> not really wanting to more than double it to 1000uF, I chose a 660uF
> value to perform the task of slowing the IC's hyperactive AGC.
> Again, the results are completely satisfactory for me.

The value of the AGC cap. in the last version of the mod is 220uF. This is enough.

> A previous post of mine to this site, detailed my observations of my
> unmodified receiver, and the use of the RF gain to "bury" a signal.
> What I interpreted as an action by the sync circuit, was apparently
> only a characteristic of the AGC. The smoothing of the AM signal was
> just the AGC doing its job with a much-reduced operating range (due
> to the severe limits imposed by the RF gain), and the blinking of the
> sync "S" was an indication that I was actually LOSING sync-lock.

Yes, this technique works. The signal is just above the threshold of the PLL lock level. When the carrier fades then it goes below the threshold and the IC could not sense the de-locking. The IC has some "signal quality" circuit (pin 23 blend). For a strong signal if the carrier fades below the sidebands this circuit activates in a sense that it tries to lock again (but there is no carrier so it will "wonder" around the strongest signals in the passband) and thus distorts the audio. If however the signal is below the sensitivity of the "signal quality" circuit then it cannot sense the de-lock. So by reducing the RF gain you are bringing the sidebands below the threshold and the carrier stays just above. When the carrier fades everything is below the threshold and no distortion (the PLL will drift slowly). Hope this makes sense (this is how I understand the things).

> What a beautiful improvement these modifications would be, if adopted
> by Icom (perhaps with even further research under lab conditions,
> Icom could redesign not only the circuit, but select a different IC
> for the R75's sync detector)!

I sent the mod information about a moth ago to Icom but got no answer. :-(

Best regards,

Rado

302. Sync mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-16 04:45:17 UTC
From: alanjohnson@gbis.com
Topic: 302 Message: 302

Any suggestions on how to make pin 23 mechanically stable once it is lifted off the PC board? I've considered covering the joint with hot glue once the solder connection is made to keep mechanical stress from breaking the pin off from the body of the IC.

73,
Alan
N4LUS

303. Re: [icomr75] Sync mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-16 06:42:59 UTC
From: Radostin Danev
Topic: 302 Message: 303

Hi Alan,

Unless you pull the wire there is no mechanical stress on the lifted pin.
Hot glue will make a mess.

Best regards,

Rado

----- Original Message -----
From: <alanjohnson@...>
To: <icomr75@egroups.com>
Sent: Tuesday, January 16, 2001 1:45 PM
Subject: [icomr75] Sync mods

> Any suggestions on how to make pin 23 mechanically stable once it is
> lifted off the PC board? I've considered covering the joint with hot
> glue once the solder connection is made to keep mechanical stress
> from breaking the pin off from the body of the IC.
>
> 73,
> Alan
> N4LUS
>
>
>
>
>
>
>
>
> eGroups Sponsor
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
>

304. IC-R75 Price w/DSP?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-18 00:55:25 UTC
From: peterg5729@aol.com
Topic: 304 Message: 304

Greetings,

I'm ever-so-close to purchasing an IC-R75, but I'm a bit confused about the current offer. Does anyone know if it's $200 off with free DSP or is it just $200 off? I apologize for posting this kind of message, but I couldn't find an e-mail link anywhere on the ICOM web site.

Thanks,

Pete

305. Re: [icomr75] IC-R75 Price w/DSP?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-18 02:55:12 UTC
From: Dr.Sharko
Topic: 304 Message: 305

----- Original Message -----
From: <peterg5729@...>
To: <icomr75@egroups.com>
Sent: Wednesday, January 17, 2001 4:55 PM
Subject: [icomr75] IC-R75 Price w/DSP?

> Greetings,
>
> I'm ever-so-close to purchasing an IC-R75, but I'm a bit confused
> about the current offer. Does anyone know if it's $200 off with free
> DSP or is it just $200 off? I apologize for posting this kind of
> message, but I couldn't find an e-mail link anywhere on the ICOM web
> site.
>
> Thanks,
>
> Pete
> It's $200.00 dollars off and free DSP. Be careful,
because some dealers are jacking up the price
and subtracting the discount afterwards. Check
for the lowest price first
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>

306. Re: IC-R75 Price w/DSP?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-18 03:04:29 UTC
From: ak-412@msn.com
Topic: 304 Message: 306

--- In icomr75@egroups.com, peterg5729@a... wrote:
> Greetings,
>
> I'm ever-so-close to purchasing an IC-R75, but I'm a bit confused
> about the current offer. Does anyone know if it's $200 off with
free
> DSP or is it just $200 off? I apologize for posting this kind of
> message, but I couldn't find an e-mail link anywhere on the ICOM
web
> site.
>
> Thanks,
>
> Pete

My understanding is that the free DSP offer is over. It has been replaced by the $200 price reduction.

Just ordered mine from Grove (actually spent some time on the phone talking about the R75's features with Larry Van Horn, got some very good advice).

307. RE: [icomr75] IC-R75 Price w/DSP?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-18 03:22:04 UTC
From: mrfplace@ameritech.net
Topic: 304 Message: 307

Pete,

The best information is what I got from Universal Radio http://www.universal-radio.com. The $200 off coupon is still good until 3/31/01. The free DSP offer was separate and expired as of 12/31/00. I only know this because I just bought my R75 from Universal on 12/29/00. The resultant price at Universal is $569.99 plus $14.95 shipping and a free book: "Joe Carr's Receiving Antenna Handbook".

I am really happy with the R75 purchase! I think that the price is a bargain for the performance even without the free DSP unit.

Mike Failing

-----Original Message-----
From: peterg5729@... [mailto:peterg5729@...]
Sent: Wednesday, January 17, 2001 6:55 PM
To: icomr75@egroups.com
Subject: [icomr75] IC-R75 Price w/DSP?

Greetings,

I'm ever-so-close to purchasing an IC-R75, but I'm a bit confused about the current offer. Does anyone know if it's $200 off with free DSP or is it just $200 off? I apologize for posting this kind of message, but I couldn't find an e-mail link anywhere on the ICOM web site.

Thanks,

Pete

To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

308. Re: [icomr75] IC-R75 Price w/DSP?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-18 03:29:16 UTC
From: Alan Johnson
Topic: 304 Message: 308

According to Universal Radio's website, the $200 off deal is good until the end of March, but the free DSP offer ended December 31, 2000.

Alan
----- Original Message -----
From: <peterg5729@...>
To: <icomr75@egroups.com>
Sent: Wednesday, January 17, 2001 4:55 PM
Subject: [icomr75] IC-R75 Price w/DSP?

> Greetings,
>
> I'm ever-so-close to purchasing an IC-R75, but I'm a bit confused
> about the current offer. Does anyone know if it's $200 off with free
> DSP or is it just $200 off? I apologize for posting this kind of
> message, but I couldn't find an e-mail link anywhere on the ICOM web
> site.
>
> Thanks,
>
> Pete
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
>

309. RE: [icomr75] Re: IC-R75 Price w/DSP?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-18 03:33:16 UTC
From: mrfplace@ameritech.net
Topic: 304 Message: 309

So what was the good advice? I have been reviewing this list's posts on filters and contemplating at least one filter purchase of FL-257 3.3kHz.

Mike

-----Original Message-----
From: ak-412@... [mailto:ak-412@...]
Sent: Wednesday, January 17, 2001 9:04 PM
To: icomr75@egroups.com
Subject: [icomr75] Re: IC-R75 Price w/DSP?

--- In icomr75@egroups.com, peterg5729@a... wrote:
> Greetings,
>
> I'm ever-so-close to purchasing an IC-R75, but I'm a bit confused
> about the current offer. Does anyone know if it's $200 off with
free
> DSP or is it just $200 off? I apologize for posting this kind of
> message, but I couldn't find an e-mail link anywhere on the ICOM
web
> site.
>
> Thanks,
>
> Pete

My understanding is that the free DSP offer is over. It has been replaced by the $200 price reduction.

Just ordered mine from Grove (actually spent some time on the phone talking about the R75's features with Larry Van Horn, got some very good advice).

To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

310. RE: [icomr75] Re: IC-R75 Price w/DSP?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-18 04:43:55 UTC
From: Ken
Topic: 304 Message: 310

I'm wondering if you could let us in on the tips you got from Larry?

:)

Ken

> -----Original Message-----
> From: ak-412@... [mailto:ak-412@...]
> Sent: Wednesday, January 17, 2001 9:04 PM
> To: icomr75@egroups.com
> Subject: [icomr75] Re: IC-R75 Price w/DSP?
>
>
> --- In icomr75@egroups.com, peterg5729@a... wrote:
> > Greetings,
> >
> > I'm ever-so-close to purchasing an IC-R75, but I'm a bit confused
> > about the current offer. Does anyone know if it's $200 off with
> free
> > DSP or is it just $200 off? I apologize for posting this kind of
> > message, but I couldn't find an e-mail link anywhere on the ICOM
> web
> > site.
> >
> > Thanks,
> >
> > Pete
>
> My understanding is that the free DSP offer is over. It has been
> replaced by the $200 price reduction.
>
> Just ordered mine from Grove (actually spent some time on the phone
> talking about the R75's features with Larry Van Horn, got some very
> good advice).
>
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>

311. Re: [icomr75] IC-R75 Price w/DSP?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-18 06:10:30 UTC
From: Gerald Atherton
Topic: 304 Message: 311

Has anyone actually received the free DSP?

I bought my R-75 in Late September of last year and am still waiting
for the DSP.

Jerry

At 09:29 PM 1/17/01, you wrote:
>According to Universal Radio's website, the $200 off deal is good until the
>end of March, but the free DSP offer ended December 31, 2000.
>
>Alan
>----- Original Message -----
>From: <peterg5729@...>
>To: <icomr75@egroups.com>
>Sent: Wednesday, January 17, 2001 4:55 PM
>Subject: [icomr75] IC-R75 Price w/DSP?
>
>
> > Greetings,
> >
> > I'm ever-so-close to purchasing an IC-R75, but I'm a bit confused
> > about the current offer. Does anyone know if it's $200 off with free
> > DSP or is it just $200 off? I apologize for posting this kind of
> > message, but I couldn't find an e-mail link anywhere on the ICOM web
> > site.
> >
> > Thanks,
> >
> > Pete
> >
> >
> > To unsubscribe from this group, send an email to:
> > icomr75-unsubscribe@egroups.com
> >
> >
> >
> >
>
>
>To unsubscribe from this group, send an email to:
>icomr75-unsubscribe@egroups.com

312. R-75 Price

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-18 06:44:26 UTC
From: w5usm@aol.com
Topic: 312 Message: 312

Guys and gals, before you buy check with:

www.burghardt-amateur.com

which has been at $549.95

73 from Bill Smith, W5USM
"Shortwave Since 1950"

[Non-text portions of this message have been removed]

313. Re: [icomr75] IC-R75 Price w/DSP?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-18 11:45:15 UTC
From: k1ygg@aol.com
Topic: 304 Message: 313

Yes, I received mine within 2 weeks of sending in the rebate slip. You definitely need to call Icom or resubmit. Good luck. Jim

[Non-text portions of this message have been removed]

314. Re: [icomr75] IC-R75 Price w/DSP?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-18 11:53:22 UTC
From: k1ygg@aol.com
Topic: 304 Message: 314

I tried the radio with and without the DSP and like it better disconnected!!!
Jim

[Non-text portions of this message have been removed]

315. Re: [icomr75] IC-R75 Price w/DSP?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-18 12:45:14 UTC
From: John Schneider
Topic: 304 Message: 315

Jim,

I would agree that the audio seems somewhat less muddled when the DSP feature has been deactivated, but I would also advise you to check the level according to the manual and see if you can't find a point where you are happy with the results. I have used the DSP when it was necessary and was very glad indeed to have it.

John Schneider
theoldcop@...

----- Original Message -----
From: <k1ygg@...>
To: <icomr75@egroups.com>
Sent: Thursday, January 18, 2001 6:53 AM
Subject: Re: [icomr75] IC-R75 Price w/DSP?

> I tried the radio with and without the DSP and like it better disconnected!!!
> Jim
>
>
> [Non-text portions of this message have been removed]
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
>

316. Re: [icomr75] IC-R75 Price w/DSP?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-18 13:22:30 UTC
From: lLori Jackson
Topic: 304 Message: 316

i had to call and speak to jackie at icom in order to get mine sent. i
needed to remind
her, jackie is in charge of the dsp give away. joe jackson

----- Original Message -----
From: Gerald Atherton <atherton@...>
To: <icomr75@egroups.com>
Sent: Wednesday, January 17, 2001 10:10 PM
Subject: Re: [icomr75] IC-R75 Price w/DSP?

> Has anyone actually received the free DSP?
>
> I bought my R-75 in Late September of last year and am still waiting
> for the DSP.
>
> Jerry
>
>
> At 09:29 PM 1/17/01, you wrote:
> >According to Universal Radio's website, the $200 off deal is good until
the
> >end of March, but the free DSP offer ended December 31, 2000.
> >
> >Alan
> >----- Original Message -----
> >From: <peterg5729@...>
> >To: <icomr75@egroups.com>
> >Sent: Wednesday, January 17, 2001 4:55 PM
> >Subject: [icomr75] IC-R75 Price w/DSP?
> >
> >
> > > Greetings,
> > >
> > > I'm ever-so-close to purchasing an IC-R75, but I'm a bit confused
> > > about the current offer. Does anyone know if it's $200 off with free
> > > DSP or is it just $200 off? I apologize for posting this kind of
> > > message, but I couldn't find an e-mail link anywhere on the ICOM web
> > > site.
> > >
> > > Thanks,
> > >
> > > Pete
> > >
> > >
> > > To unsubscribe from this group, send an email to:

> > > icomr75-unsubscribe@egroups.com
> > >
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> >To unsubscribe from this group, send an email to:
> >icomr75-unsubscribe@egroups.com
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> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
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>
>

317. Re: [icomr75] IC-R75 without DSP

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-18 12:46:01 UTC
From: Björn Danielsson
Topic: 317 Message: 317

----- Original Message -----
From: <k1ygg@...>
To: <icomr75@egroups.com>
Sent: Thursday, January 18, 2001 12:53 PM
Subject: Re: [icomr75] IC-R75 Price w/DSP?

> I tried the radio with and without the DSP and like it better disconnected!!!
> Jim

So the DSP is more than Autonotch and Noice reduction then?????

I thought the DSP was only these 2 things. I dont know because I have had my DSP installed from the first time.

Do you know or someone else what the DSP does or does´nt ?

Björn Danielsson

318. Re: IC-R75 Price w/DSP?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-18 13:53:00 UTC
From: Danny Blackburn
Topic: 304 Message: 318

--- In icomr75@egroups.com, k1ygg@a... wrote:
> I tried the radio with and without the DSP and like it better
disconnected!!!
> Jim
>
Even if you don't like the audio thru the noise reduction, I feel the DSP is worth it alone, for the Notch Filter function. This really makes tuning SSB signals very nice, as it masks nearly all carrier heterodyne interference, and can sharpen your reception quality somewhat. If you really don't want the DSP unit, there are a number of R75 users in this group who'd LOVE to have it! Post it for sale!
>
> [Non-text portions of this message have been removed]

319. Re: THUMBS UP FOR THE DX-SWL ANTENNA!!

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-18 14:01:32 UTC
From: Danny Blackburn
Topic: 299 Message: 319

--- In icomr75@egroups.com, "Danny Blackburn" <DanJBlack@p...> wrote:
>
OOPS!! THIS POST WAS INTENDED FOR THE GROUP "SHORTWAVE LISTENING". I
DID NOT MEAN TO CLUTTER THE R75 SITE WITH THIS NON-R75 RELATED
INFORMATION. THIS POST HAS BEEN FORWARDED. MY APOLOGIES TO ALL!!

If anyone has considered (and has enough space to put it) purchasing
> a top-notch multi-band wire antenna for their SWL activities, I
would
> like to suggest the Alpha Delta model DX-SWL Sloper. I have owned
one
> for many months now, and this amazing antenna is the finest wire
> antenna I have yet used.
>
> Approximately 60' (just over 18 meters) in length, not including
its
> counterpoise/ground leg, the antenna covers a very wide portion of
> the HF spectrum. The antenna is heavy-duty, with large-guage
> jacketed wire construction.
>
> The antenna has withstood extreme thunderstorm winds, winter gales
> and every type of precipitation, with no signs of wear or damage.
> During a recent winter storm, the sloper became covered with a
layer
> of ice and snow so thick, the antenna looked like white Christmas-
> tree garland. It was so laden-down that I could reach up and touch
> it from the ground, when normally its lowest point is around 3
meters
> at the dead-end of its slope.
>
> I used a wooden rake handle to knock off the accumulated ice and
> snow, and the antenna sprang right back into position with no
> noticeable sag from its usual position!
>
> Not only has this antenna proven its worth in strength and
> durability, it also outperforms every wire antennas I have used.
> During its construction and raising last spring, I had the
> opportunity to perform a side-by-side "A/B" comparison with another
> antenna I had been using for SWL work, while still up and operating.
>
> Using a coaxial switch, I selected the two antennas alternately on
> signals in the BCB, 60-, 49-, 31- and 19-meter SW bands, as well as
> amateur radio signals in the 75-, 40-, 20- and 12-meter bands. In
> nearly every comparison, the DX-SWL brought between 1 and 3
full "S"

> units improvement over my old antenna!
>
> The only exception to this was the 12-meter ham band contacts,
where
> the Alpha Delta gave virtually no noticeable improvement in signal
> strength---but the antenna DID give noticeably quieter reception,
not
> only on 12 meters but all bands tested, as well. I suspect that the
> DX-SWL has more "nulls" in its radiation pattern on 12 meters than
my
> old antenna, which may explain the lack of noticeable "s"-meter
> improvement during testing on that band.
>
> Since the DX-SWL is a "sloper", it takes up less space than most
> large antennas, and is much easier to erect and maintain. Mine is
> supported at the feedpoint-end by a steel tower, approximately 23'
(7
> meters) above ground, sloping to a short mast tie-off at its dead
end
> approximately 3 meters above ground.
>
> I have also used the antenna for amateur transmitting with good
> results (7 watts PEP into the antenna got me contacts into Wyoming
> and Florida one evening!).
>
> I would highly recommend this fine antenna to anyone considering
> improved performance over a random-wire or monoband dipole.
>
> Thanks for reading my post!

320. D.S.P. Unit

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-18 14:27:51 UTC
From: Mark Goad
Topic: 320 Message: 320

I have an extra D.S.P. Unit if someone needs one. I'll trade it for something cool or for cash. I love my radio even though I haven't done any mods to it. Mark.

321. Rado mod !

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-18 23:51:49 UTC
From: Enrique A. Wembagher
Topic: 321 Message: 321

Hi list !
I made the mod of Rado and it works really well!
I also installed dsp unit and he works well, although I don't with a MFJ 784b dsp, but I am happy with the UT106.
Thank you Rado for your investigation!
Cordial greetings,

****
Enrique A. Wembagher
Ballester 216
1702 Ciudadela
Buenos Aires
Argentina
eawemb@...
****

322. DSP UT106

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-19 05:28:13 UTC
From: rem1875@aol.com
Topic: 322 Message: 322

Lowe's is advertising the that the DSP UT-106 is now standard for them and
not an option.
ICR75 £650.00 probably with VAT
http://www.lowe-electronics.com/cgi-hobbyist/acatalog/Lowe_Electronics_Shortwa

ve_models_10.html

Joe
in North Texas

[Non-text portions of this message have been removed]

323. Re: [icomr75] IC-R75 without DSP

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-19 11:27:06 UTC
From: k1ygg@aol.com
Topic: 317 Message: 323

The thing I disliked most with the DSP connected was the signals on the BCB seemed to rapidly fade up and down at about a 1.5 second rate. When I disconnected the DSP the problem went away (at least to my ears). Jim

[Non-text portions of this message have been removed]

324. Re: IC-R75 without DSP

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-19 16:03:10 UTC
From: khgrant@ix.netcom.com
Topic: 317 Message: 324

--- In icomr75@egroups.com, k1ygg@a... wrote:
> The thing I disliked most with the DSP connected was the signals on
the BCB
> seemed to rapidly fade up and down at about a 1.5 second rate. When
I
> disconnected the DSP the problem went away (at least to my ears).
Jim
>
>
> [Non-text portions of this message have been removed]

I've never heard of that before! My dsp works just fine.
Were there fading conditions on the signal at the time?
For me a noise reduction setting of 4 works best.
Try it some more and let us know what happens.

Keith

325. Re: [icomr75] Re: THUMBS UP FOR THE DX-SWL ANTENNA!!

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-20 05:26:07 UTC
From: Derrik Walker v2.0
Topic: 299 Message: 325

on 1/18/01 9:01 AM, Danny Blackburn at DanJBlack@... wrote:

> --- In icomr75@egroups.com, "Danny Blackburn" <DanJBlack@p...> wrote:
>>
> OOPS!! THIS POST WAS INTENDED FOR THE GROUP "SHORTWAVE LISTENING". I
> DID NOT MEAN TO CLUTTER THE R75 SITE WITH THIS NON-R75 RELATED
> INFORMATION. THIS POST HAS BEEN FORWARDED. MY APOLOGIES TO ALL!!

What is the "Shortwave listening" group?

-Derrik

mailto:firebug@...
http://junior.apk.net/~firebug

A language that doesn't have everything is actually easier to program in
than some that do.
-- Dennis M. Ritchie

326. Re: What is the "Shortwave Listening" group? Answer

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-20 07:28:44 UTC
From: Jason G.
Topic: 299 Message: 326

> What is the "Shortwave listening" group?
>
> -Derrik

A general discussion newsgroup on shortwave radio, stations,
propagation, equipment, publications, etc., and lately and
unfortunately, flamings and disputes of all kinds and of little value.

See it all at: rec.radio.shortwave

327. Re: What is the "Shortwave Listening" group? Answer

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-20 20:19:44 UTC
From: Jason G.
Topic: 299 Message: 327

Derrik et al,

I forgot that there is also a SWL e-Group (less or no trash subjects here!), this is the URL:

http://www.egroups.com/group/shortwavelistening

J a s o n

--- In icomr75@egroups.com, "Jason G." <jjga@u...> wrote:
>
> > What is the "Shortwave listening" group?
> >
> > -Derrik
>
>
> A general discussion newsgroup on shortwave radio, stations,
> propagation, equipment, publications, etc., and lately and
> unfortunately, flamings and disputes of all kinds and of little value.
>
> See it all at: rec.radio.shortwave

328. Re: What is the "Shortwave Listening" group? Answer

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-21 03:36:23 UTC
From: Danny Blackburn
Topic: 299 Message: 328

--- In icomr75@egroups.com, "Jason G." <jjga@u...> wrote:
> Derrik et al,
>
> I forgot that there is also a SWL e-Group (less or no trash
subjects
> here!), this is the URL:
>
> http://www.egroups.com/group/shortwavelistening
>
> J a s o n
>
>

I am certainly glad you posted this SECOND follow-up, Jason! (lol)

Derrik, the above newsgroup---NOT the first reply, is the e-group I
was referring to. The older and gone-off-the-
edge "rec.radio.shortwave" is no site for any real SWL, and the
egroups address is a newer and much better forum.

Thanks for the reply (second one), Jason!

73's.....
> --- In icomr75@egroups.com, "Jason G." <jjga@u...> wrote:
> >
> > > What is the "Shortwave listening" group?
> > >
> > > -Derrik
> >
> >
> > A general discussion newsgroup on shortwave radio, stations,
> > propagation, equipment, publications, etc., and lately and
> > unfortunately, flamings and disputes of all kinds and of little
> value.
> >
> > See it all at: rec.radio.shortwave

329. A Good ICOM Vender

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-22 01:25:08 UTC
From: paulpasternak@hotmail.com
Topic: 329 Message: 329

There are a couple of stores in US that are offering good deals on the 75: Universal and Lentini. Which one provides the best customer service? Or is there another company out there that would be better to buy it from. I am in Canada, so it will be coming across the border.

Also, can someone recommend appropriate optional filters to dig out weak/barried signals in the broadcast band?

What is a good external speaker to improve audio quality for BCB listening? I was thinking of attaching some amplified speakers with bass and treble controls. Has any one tried that and what results did you get? And a decent pair of headphones...what would you recommend?

Any comments in part or whole would be most welcomed.

Cheers, Paul Pasternak, British Columbia

330. ICOM Vender

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-22 03:09:30 UTC
From: Paul Pasternak
Topic: 330 Message: 330

Hello

Both Universal and Lentini are offering sale prices on the R75. Which has better customer service? Or are there others that you would recommend. I am in Canada.

Cheers, Paul, British Columbia

_____
Get Your Private, Free E-mail from MSN Hotmail at http://www.hotmail.com.

331. Re: [icomr75] A Good ICOM Vender

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-22 03:51:37 UTC
From: Lisa and Bill
Topic: 329 Message: 331

Hi all;

beware, I am about to babble a lot of thoughts I've been saving up.
I apologize...

1. I live about 15 minutes from Lentini (in Newington, CT), and
bought my R75 there last January. They were very professional
and I have no complaints whatsoever. I think they've been in
business for around 40 years, I know I first visited them at least
15 years ago, and they're right down the road from the ARRL (ham
radio's epi-center).

2. The audio, regardless of what anyone says, stinks in the R75.
For a $600+ radio, they could have done a heck of a lot better.
I mean, come on, audio circuits are cheap !

Maybe I should clarify. FM is super sounding. AM is harsh and
very high and mid-rangy, although VERY clear. I tried hooking the
line outs through my stereo, with an EQ, I tried some PC speakers
with a subwoofer, I tried standalone bookshelf speakers and then gave

up for a while.

The weird part was that everything I connected, including headphones
sounded too bassy. Even trying to EQ it down never seemed quite
right, and the clarity (that I did get from the built in speaker
never came through
on the speaker or line out connections.) I really can't explain why,
but
that is my feelings on it.

However; I recently picked up an Icom SP-20 on eBay (the one that
goes for $229). Hooked it up and it too sounded a bit too bassy.
Here is the funny thing. Just that same weekend, I replaced the
speakers in my wife's new car, a 3 1/2 inch speaker. Coincidently
the speaker in the SP-20 is a cheap 3 1/2 inch paper cone speaker. So
just for
fun I replaced the SP-20's speaker with the one from my wifes car.
Guess what. It sounds GREAT! Why Icom sells a $229 speaker box
with a .99 cent speaker in it is beyond me. The key here is that the
SP-20 has 4 low and high pass filters built into it. So I kick in the

high pass filter (blocks the lows) and AM, SW, etc sound perfect.
On FM, it sounds awesome !!! I am tempted to buy a $50 pair of
Pioneer 3 1/2 inch speakers and see if that is even better. Anyone
want to buy the extra speaker ????

3. The 1.6 MHz mod is definately worth it. Before I did it today, I was watching a signal on 387 khz which barely got the 1st LED on the S-meter lit. After, the signal was over 3db. There were even a few other signals down there that weren't there before. I do notice some extra overload in the 170's/200's if the preamp #1 is on, but otherwise
the mod looks to be a huge success and pretty easy... just drop a glob
of solder on the two copper pads. It's the easiest mod listed on this
group.

4. I have learned a lot from this list and one thing I'd like to point out
to anyone new to using this radio is that the use of LSB or USB on BCB/AM is a great way to pull out weak signals, or signals with interference. Someone had written about this a few months ago and I had laughed it off. Until I tried it a few times and found that they
were 110% right. Tonight I had 2 stations on 1070 (next to my local 1080, WTIC Hartford). The 2 stations were only somewhat clear on 1068 and at that still getting a lot of slop from 1080. I tuned to 1070,
kicked it into LSB and turned the twin PBT all the way to the right (I think of it as turning them towards the station you want to null). And like magic, WTIC was gone and CHOK from Ontario was clear as a bell. There was also a classical or beautiful music stations there
that wasn't audible in AM mode.

Also, if you do the S-AM mod. I too doubted that it really worked. It does, you have to believe and find the right fading conditions to be somewhat impressed.

5. I didn't think much of the free DSP (the radio cost $700 last year, so it's a darn good thing the DSP was free)... It does work ok, at maybe
a setting of 3 or 4. Past that it sounds digital. I wouldn't buy it if it hadn't
been "free".

6. The Noise Blanker is INCREDIBLE ! Turn on a torch-aire light and see !

7. The FM section from 30 Mhz to 50Mhz is INCREDIBLE ! I like to listen to the F2 skip from California in the 42's and the R75 blows away my Bearcat 800XLT.

8. I have saved eveyones emails about the 450khz and 3.3kHz filters. I have yet to sort this out in my head if someone can explain this to

me also. I would like to be able to have a tighter AM/BCB band without the loss of audio quality that the 2.4 KHz filter creates.

All in all, I couldn't be happier with this radio. I am somewhat unhappy that I had to spend another $150-200 on the external speaker and might have to dump another $100+ on a 3.3 khz filter. But, hey they are making a pretty wideband radio here, and I'm sure they had to cut some corners to get the price competitive (is $600+ competitive ???)

Bill Nollman
Farmington, CT.

paulpasternak@... wrote:

> There are a couple of stores in US that are offering good deals on
> the 75: Universal and Lentini. Which one provides the best customer
> service? Or is there another company out there that would be better
> to buy it from. I am in Canada, so it will be coming across the
> border.
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> Also, can someone recommend appropriate optional filters to dig out
> weak/barried signals in the broadcast band?
>
> What is a good external speaker to improve audio quality for BCB
> listening? I was thinking of attaching some amplified speakers with
> bass and treble controls. Has any one tried that and what results did
> you get? And a decent pair of headphones...what would you recommend?
>
> Any comments in part or whole would be most welcomed.
>
> Cheers, Paul Pasternak, British Columbia
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com

332. Re: A Good ICOM Vender

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-22 05:00:09 UTC
From: paulpasternak@hotmail.com
Topic: 329 Message: 332

-
Thank you for all that valuable information. I wonder whether this
radio is worth it because I do enjoy good audio quality for listening
to BCB. I just returned the Satellite 800 because of poor contruction
(two versions came with the volume controls that put out static when
being turned/ the replacement also had a broken a/c power supply,
that's when I lost all confidence). Shoddy construction aside, this
radio put out wonderful audio quality with a Synch Detector with
USB/LSB that really worked. I'm concerned I will be sorely
dissappointed with 75 in this respect.

So you say it's a great radio...maybe for ham and utility listeners
only???

In icomr75@egroups.com, Lisa and Bill <lsnwnn@h...> wrote:
> Hi all;
>
> beware, I am about to babble a lot of thoughts I've been saving up.
> I apologize...
>
> 1. I live about 15 minutes from Lentini (in Newington, CT), and
> bought my R75 there last January. They were very professional
> and I have no complaints whatsoever. I think they've been in
> business for around 40 years, I know I first visited them at
least
> 15 years ago, and they're right down the road from the ARRL (ham
> radio's epi-center).
>
> 2. The audio, regardless of what anyone says, stinks in the R75.
> For a $600+ radio, they could have done a heck of a lot better.
> I mean, come on, audio circuits are cheap !
>
> Maybe I should clarify. FM is super sounding. AM is harsh and
> very high and mid-rangy, although VERY clear. I tried hooking
the
> line outs through my stereo, with an EQ, I tried some PC
speakers
> with a subwoofer, I tried standalone bookshelf speakers and
then gave
>
> up for a while.
>
> The weird part was that everything I connected, including
headphones
> sounded too bassy. Even trying to EQ it down never seemed quite

> right, and the clarity (that I did get from the built in speaker
> never came through
> on the speaker or line out connections.) I really can't explain
why,
> but
> that is my feelings on it.
>
> However; I recently picked up an Icom SP-20 on eBay (the one
that
> goes for $229). Hooked it up and it too sounded a bit too bassy.
> Here is the funny thing. Just that same weekend, I replaced the
> speakers in my wife's new car, a 3 1/2 inch speaker.
Coincidently
> the speaker in the SP-20 is a cheap 3 1/2 inch paper cone
speaker. So
> just for
> fun I replaced the SP-20's speaker with the one from my wifes
car.
> Guess what. It sounds GREAT! Why Icom sells a $229 speaker box
> with a .99 cent speaker in it is beyond me. The key here is
that the
> SP-20 has 4 low and high pass filters built into it. So I kick
in the
>
> high pass filter (blocks the lows) and AM, SW, etc sound
perfect.
> On FM, it sounds awesome !!! I am tempted to buy a $50 pair of
> Pioneer 3 1/2 inch speakers and see if that is even better.
Anyone
> want to buy the extra speaker ????
>
> 3. The 1.6 MHz mod is definately worth it. Before I did it today, I
was
> watching a signal on 387 khz which barely got the 1st LED on the
> S-meter lit. After, the signal was over 3db. There were even a
few
> other signals down there that weren't there before. I do notice
some
> extra overload in the 170's/200's if the preamp #1 is on, but
> otherwise
> the mod looks to be a huge success and pretty easy... just drop
a
> glob
> of solder on the two copper pads. It's the easiest mod listed
on
> this
> group.
>
> 4. I have learned a lot from this list and one thing I'd like to
point

> out
> to anyone new to using this radio is that the use of LSB or USB
on
> BCB/AM is a great way to pull out weak signals, or signals with
> interference. Someone had written about this a few months ago
and
> I had laughed it off. Until I tried it a few times and found
that
> they
> were 110% right. Tonight I had 2 stations on 1070 (next to my
local
> 1080, WTIC Hartford). The 2 stations were only somewhat clear on
> 1068 and at that still getting a lot of slop from 1080. I tuned
to
> 1070,
> kicked it into LSB and turned the twin PBT all the way to the
right
> (I think of it as turning them towards the station you want to
null).
> And like magic, WTIC was gone and CHOK from Ontario was clear
> as a bell. There was also a classical or beautiful music stations
> there
> that wasn't audible in AM mode.
>
> Also, if you do the S-AM mod. I too doubted that it really worked.
> It does, you have to believe and find the right fading conditions
to
> be somewhat impressed.
>
> 5. I didn't think much of the free DSP (the radio cost $700 last
year,
> so it's a darn good thing the DSP was free)... It does work ok,
at
> maybe
> a setting of 3 or 4. Past that it sounds digital. I wouldn't
buy it
> if it hadn't
> been "free".
>
> 6. The Noise Blanker is INCREDIBLE ! Turn on a torch-aire light
and see
> !
>
> 7. The FM section from 30 Mhz to 50Mhz is INCREDIBLE ! I like to
> listen to the F2 skip from California in the 42's and the R75
blows
> away my Bearcat 800XLT.
>
> 8. I have saved eveyones emails about the 450khz and 3.3kHz filters.
> I have yet to sort this out in my head if someone can explain

this to
>
> me also. I would like to be able to have a tighter AM/BCB band
> without the loss of audio quality that the 2.4 KHz filter
creates.
>
>
> All in all, I couldn't be happier with this radio. I am somewhat
unhappy
> that I had to spend another $150-200 on the external speaker and
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> have to dump another $100+ on a 3.3 khz filter. But, hey they are
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> a pretty wideband radio here, and I'm sure they had to cut some
corners
> to get the price competitive (is $600+ competitive ???)
>
> Bill Nollman
> Farmington, CT.
>
>
>
> paulpasternak@h... wrote:
>
> > There are a couple of stores in US that are offering good deals on
> > the 75: Universal and Lentini. Which one provides the best
customer
> > service? Or is there another company out there that would be
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> > to buy it from. I am in Canada, so it will be coming across the
> > border.
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> > weak/barried signals in the broadcast band?
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> > you get? And a decent pair of headphones...what would you
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> > Any comments in part or whole would be most welcomed.
> >
> > Cheers, Paul Pasternak, British Columbia
> >
> > To unsubscribe from this group, send an email to:
> > icomr75-unsubscribe@egroups.com

333. Re: A Good ICOM Vender

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-22 06:17:14 UTC
From: khgrant@ix.netcom.com
Topic: 329 Message: 333

I haven't gotten any filters yet, but I'm planning on getting the FL223 1.9 kHz 9MHz filter, and the FL257 3.3 kHz 455kHz filter.

As for a good speaker, I followed someone elses advice and went to Rat Shack and picked up an RCA PRO-X44AV (RS #40-5001) 2-way speaker. It doesn't have any controls. Just the raw speaker. I think it was about $35 or so. It works quite well for me; beats the little internal speaker. Sounds very nice.

I'm also interested in headphone suggestions. I have a pair of Sony MDR-V1's which are nice and light with good sound quality, but I want full ear coverage to block out ambient noise for picking out those tough signals.

Have fun,

Keith

--- In icomr75@egroups.com, paulpasternak@h... wrote:
> There are a couple of stores in US that are offering good deals on
> the 75: Universal and Lentini. Which one provides the best customer
> service? Or is there another company out there that would be better
> to buy it from. I am in Canada, so it will be coming across the
> border.
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> Also, can someone recommend appropriate optional filters to dig out
> weak/barried signals in the broadcast band?
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> bass and treble controls. Has any one tried that and what results
did
> you get? And a decent pair of headphones...what would you recommend?
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> Any comments in part or whole would be most welcomed.
>
> Cheers, Paul Pasternak, British Columbia

334. Re: [icomr75] Re: IC-R75 without DSP

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-22 11:47:30 UTC
From: k1ygg@aol.com
Topic: 317 Message: 334

Prior to reconnecting the DSP, I did the AGC mod described by Rado. Now the radio sounds fine with the DSP connected. I have the level set at 3 and am happy with the audio quality and DSP functions. Thanks to all for your input.
Jim

[Non-text portions of this message have been removed]

335. Re: [icomr75] A Good ICOM Vender

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-22 11:51:21 UTC
From: k1ygg@aol.com
Topic: 329 Message: 335

I am quite satisfied with Lentini, but I live close by and like to go there to look around and talk to their people. Jim

[Non-text portions of this message have been removed]

336. Re: [icomr75] Re: What is the "Shortwave Listening" group? Answer

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-23 03:44:22 UTC
From: Derrik Walker v2.0
Topic: 299 Message: 336

on 1/20/01 10:36 PM, Danny Blackburn at DanJBlack@... wrote:

Cool. I was hoping you weren't talking about the news group.

Thanks.

> --- In icomr75@egroups.com, "Jason G." <jjga@u...> wrote:
>> Derrik et al,
>>
>> I forgot that there is also a SWL e-Group (less or no trash
> subjects
>> here!), this is the URL:
>>
>> http://www.egroups.com/group/shortwavelistening
>>
>> J a s o n
>>
>>
>
> I am certainly glad you posted this SECOND follow-up, Jason! (lol)
>
> Derrik, the above newsgroup---NOT the first reply, is the e-group I
> was referring to. The older and gone-off-the-
> edge "rec.radio.shortwave" is no site for any real SWL, and the
> egroups address is a newer and much better forum.
>
> Thanks for the reply (second one), Jason!
>
> 73's.....
>> --- In icomr75@egroups.com, "Jason G." <jjga@u...> wrote:
>>>
>>>> What is the "Shortwave listening" group?
>>>>
>>>> -Derrik
>>>
>>>
>>> A general discussion newsgroup on shortwave radio, stations,
>>> propagation, equipment, publications, etc., and lately and
>>> unfortunately, flamings and disputes of all kinds and of little
>> value.
>>>
>>> See it all at: rec.radio.shortwave
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com

>
>
>

-Derrik

mailto:firebug@...
http://junior.apk.net/~firebug

As the Founding Fathers knew well, a government that does not trust its honest, law-abiding, taxpaying citizens with the means of self-defense is not itself worthy of trust. Laws disarming honest citizens proclaim that the government is the master, not the servant, of the people.
-- Jeff Snyder

337. r75 audio plus rambling thoughts

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-23 11:50:32 UTC
From: Jem Cullen
Topic: 337 Message: 337

regarding the r75 audio, yep its horrible!
was one of the things i found disappointing when i first got the radio.

However with a bit of work i have managed to make it sound great. First i did Rado's mods (yikes!). The agc timing helped heaps and the sync is useful too!

However the biggest thing was i found a car "graphic equaliser/booster amp" on clearance at a car hifi shop for $20. one of the fader, plastic knobcaps was missing and it had no mounting brackets but who cares (found a slider to fit in my junk box). Hooked that up to a quality twin cone car stereo speaker built into a box about the size of a shoebox. Connected it to the 12v power supply i use to feed various radios etc here (Icom ps15-20 amp). Sounds stunning! Listening to clear broadcast is beautiful and the little graphic equaliser is great for digging up signals and i can set curves for ssb/am/and various interferances! Its even black and fits exactly between the two topscrews onthe rig..looks great sitting there. feed it from the external spreaker jack on the back of the radio.

Other thoughts. someone said pity the sync iisnt selectable side band. Well what about using 2.4 filters, detuning about 1khz or so and using the passband, I'm actually doing this instead of ecss lately.

The other thing i have learned to do is TURN THE AGC OFF when listening to weaker signals (mostly with ute). Im amazed how much the agc muffles low signals. pity it breaks up so badly with agc off and stronger sigs.

As for filters, well cant afford any at the moment, but i think the 3.3/1.9 combo is for me.

Just realised, this is my 4th Icom radio. (got IC-740txr, ic-255 2m, and used to have IC-720a Txr) also icom psupply and AutoATU. Dont plan it that way, just end up with icom every time. settle for the best!
(also have sangean 803a and used to have sony icf6700w, drake ssr1, kenwood r5000 -a great rig and various other boxes for hf/vhf/uhf)
73 and good dxing
vk2jem

338. DSP Arrived

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-23 16:09:16 UTC
From: Hamilton, William
Topic: 338 Message: 338

I ordered my R75 on 29Dec and thus still qualified for the free DSP. I sent in the paperwork on 9Jan and received the unit yesterday. I must say that I am impressed by the performance of the unit. I know some on this group are not very positive. Perhaps it depends on your listening profile. Essentially the DSP allows you to seperate the information from the noise. I find it especially valuable when I need to use the preamp. Of course, it cannot add any information to the signal that is not already there.

It's an issue of comprehension vs. quality. If you need to hear a station -- the DSP is a must-have item. For tonal quality the DSP can reduce the satisfaction with the listening experience.

For $580, I don't see anything close to the capabilities of the R75. I do want to get an outboard speaker and I need to upgrade my antenna situation.

Regards ...Bill

339. Re: r75 audio plus rambling thoughts

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-24 02:07:09 UTC
From: paulpasternak@hotmail.com
Topic: 337 Message: 339

Hello Jem:

As a dedicated program listener/SWL'er and casual DX'er I don't think 75 fits my listening needs. Forking out all that cash (1,800.00 at least in Canada, with DSP, extra filter) and then having to fiddle around with audio is not my idea of good value. I'm not a ute/ham listener so this radio doesn't make a whole lot of sense. The filter sizes are not right for decent audio on broadcast band: they're either too narrow or too wide. I think the way this radio is being adversited as appropriate for good SWL'ing is questionable at best; especially since the synch does not work properly. Bottom line: if I was going to spend that much money in Canada as a BCB program listener I would get a Drake R8B instead, because the synch works, the filter sizes are more appropriate for bcb listening and the audio does not need to be finessed with jerry-rigged homemade contraptions.

I am writing this more to inform others of my research from reading this egroup and talking to various radio dealers.

73's and happy listening.

In icomr75@egroups.com, "Jem Cullen" <jemmex@h...> wrote:
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> was one of the things i found disappointing when i first got the
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>
> However with a bit of work i have managed to make it sound great.
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> kenwood r5000 -a great rig and various other boxes for hf/vhf/uhf)
> 73 and good dxing
> vk2jem

340. Dedicated Program Listener Remarks on 75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-24 02:10:04 UTC
From: paulpasternak@hotmail.com
Topic: 337 Message: 340

Hello Jem:

As a dedicated program listener/SWL'er and casual DX'er I don't think 75 fits my listening needs. Forking out all that cash (1,800.00 at least in Canada, with DSP, extra filter) and then having to fiddle around with audio is not my idea of good value. I'm not a ute/ham listener so this radio doesn't make a whole lot of sense. The filter sizes are not right for decent audio on broadcast band: they're either too narrow or too wide. I think the way this radio is being adversited as appropriate for good SWL'ing is questionable at best; especially since the synch does not work properly. Bottom line: if I was going to spend that much money in Canada as a BCB program listener I would get a Drake R8B instead, because the synch works, the filter sizes are more appropriate for bcb listening and the audio does not need to be finessed with jerry-rigged homemade contraptions.

I am writing this more to inform others of my research from reading this egroup and talking to various radio dealers. Other comments welcome.

73's and happy listening.

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> kenwood r5000 -a great rig and various other boxes for hf/vhf/uhf)
> 73 and good dxing
> vk2jem

341. Dedicated Program Listener Remarks on 75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-24 02:09:55 UTC
From: paulpasternak@hotmail.com
Topic: 337 Message: 341

Hello Jem:

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> kenwood r5000 -a great rig and various other boxes for hf/vhf/uhf)
> 73 and good dxing
> vk2jem

342. Re: Dedicated Program Listener Remarks on 75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-24 03:48:53 UTC
From: Danny Blackburn
Topic: 337 Message: 342

--- In icomr75@egroups.com, paulpasternak@h... wrote:
> ---
> Hello Jem:
>
> As a dedicated program listener/SWL'er and casual DX'er I don't
think
> 75 fits my listening needs. Forking out all that cash (1,800.00 at
> least in Canada, with DSP, extra filter) and then having to fiddle
> around with audio is not my idea of good value.

The audio does not require much fiddling. Just a good quality external speaker. The Icom R75 does not suffer from bad audio, only from a too-small internal speaker and no tone control (although the twin PBT will help remedy this in nearly all cases). People who try to get MacIntosh-quality audio from a SWL receiver, are in the wrong hobby!

I'm not a ute/ham
> listener so this radio doesn't make a whole lot of sense. The
filter
> sizes are not right for decent audio on broadcast band: they're
> either too narrow or too wide. I think the way this radio is being
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I
> was going to spend that much money in Canada as a BCB program
> listener I would get a Drake R8B instead, because the synch works,
> the filter sizes are more appropriate for bcb listening and the
audio
> does not need to be finessed with jerry-rigged homemade
contraptions.

There are shortcomings with the R8B which make the Icom the better choice for the money. The R8B does not exactly "shine" in the built-in speaker department, either (check Passport to World Band Radio for more on this) so with either receiver, a good external speaker is a must.

As for the filters, the 3.3-KHz and 1.9-KHz options prove adequate. The R75 "stock" 6-KHz filter is reported to have a 7.1-KHz bandwidth at its bottom skirt---pretty darn good, especially for BCB and general SWL-ing. I have added the 3.3 for tightening the AM in crowded band conditions, but I mainly use the time-honored ECSS method of extracting the best audio from a signal, and "bump" any adjacent interference with the PBT controls---something you CAN'T do with a Drake, because it has NO twin PBT controls to improve its

filter response.
>
> I am writing this more to inform others of my research from reading
> this egroup and talking to various radio dealers. Other comments
> welcome.
>

Some in this group do not know anything but "sync-AM" when comparing performance. Sync-AM is NOT a panacea, far from it. Put great synchronous detection in an otherwise-mediocre receiver (Drake SW2), and you have a great synchronous detector with a mediocre receiver! Take a great receiver like the R75, give it a non-functioning sync detector, and you still have a great receiver with an easily-modified (and for just a few cents' worth of parts) sync detector.

> 73's and happy listening.
>
> In icomr75@egroups.com, "Jem Cullen" <jemmex@h...> wrote:
> > regarding the r75 audio, yep its horrible!

Jem, you should try listening to any number of "horrible" speakers in some pretty expensive gear. Don't forget, some of the very finest receivers in history, came WITHOUT any speakers! You don't see Collins or Hammarlund owners complaining, so do as they do, and get a decent speaker instead of diddling with automotive-grade junk. By the way, did you remember to isolate that equalizer's inputs from the output of the Icom? It would be a costly lesson to have the common-ground 12-volt input lead on the EQ cause an unpleasant incident with the audio output from the Icom!

> > was one of the things i found disappointing when i first got the
> > radio.
> >
> > However with a bit of work i have managed to make it sound great.
> > First i did Rado's mods (yikes!). The agc timing helped heaps and
> the
> > sync is useful too!
> >
Not really audio related, but yes, very useful. Rado did a great job with his painstaking research, for the greater benefit of many in this group!

> > However the biggest thing was i found a car "graphic
> > equaliser/booster amp" on clearance at a car hifi shop for $20.
one
> > of the fader, plastic knobcaps was missing and it had no mounting
> > brackets but who cares (found a slider to fit in my junk box).
> Hooked
> > that up to a quality twin cone car stereo speaker built into a
box
> > about the size of a shoebox. Connected it to the 12v power

supply
> i
> > use to feed various radios etc here (Icom ps15-20 amp). Sounds
> > stunning! Listening to clear broadcast is beautiful and the
little
> > graphic equaliser is great for digging up signals

It is the RECEIVER that is doing the "digging", don't forget!

and i can set
> > curves for ssb/am/and various interferances! Its even black and
> fits
> > exactly between the two topscrews onthe rig..looks great sitting
> > there. feed it from the external spreaker jack on the back of the
> > radio.
> >
> > Other thoughts. someone said pity the sync iisnt selectable side
> > band. Well what about using 2.4 filters, detuning about 1khz or
so
> > and using the passband, I'm actually doing this instead of ecss
> > lately.
> >
> > The other thing i have learned to do is TURN THE AGC OFF when
> > listening to weaker signals (mostly with ute). Im amazed how much
> the
> > agc muffles low signals. pity it breaks up so badly with agc off
> and
> > stronger sigs.
> >
> > As for filters, well cant afford any at the moment, but i think
the
> > 3.3/1.9 combo is for me.

Good choice. These are what I use, and the results are very
satisfying!

> >
> > Just realised, this is my 4th Icom radio. (got IC-740txr, ic-255
> 2m,
> > and used to have IC-720a Txr) also icom psupply and AutoATU.
Dont
> > plan it that way, just end up with icom every time. settle for
the
> > best!

And I agree that Icom is, indeed, very fine equipment. 746/207H/R75
are very good examples of this. Icom's 756-Pro is among the most
respected amateur transceivers available, along with the 746.

> > (also have sangean 803a and used to have sony icf6700w, drake
ssr1,
> > kenwood r5000 -a great rig and various other boxes for hf/vhf/uhf)

> > 73 and good dxing
> > vk2jem

343. Re: [icomr75] r75 audio plus rambling thoughts

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-24 20:52:08 UTC
From: Lisa and Bill
Topic: 337 Message: 343

Jem;

I tried the EQ thing also and while is did sound ok,
the EQ introduced a "background hiss" that I did not
like. Maybe it was the cheap EQ I bought and a better EQ
would have been better. Just my opinion for what
it's worth.

Bill

Jem Cullen wrote:

> regarding the r75 audio, yep its horrible!
> was one of the things i found disappointing when i first got the
> radio.
>
> However with a bit of work i have managed to make it sound great.
> First i did Rado's mods (yikes!). The agc timing helped heaps and the
> sync is useful too!
>
> However the biggest thing was i found a car "graphic
> equaliser/booster amp" on clearance at a car hifi shop for $20. one
> of the fader, plastic knobcaps was missing and it had no mounting
> brackets but who cares (found a slider to fit in my junk box). Hooked
> that up to a quality twin cone car stereo speaker built into a box
> about the size of a shoebox. Connected it to the 12v power supply i
> use to feed various radios etc here (Icom ps15-20 amp). Sounds
> stunning! Listening to clear broadcast is beautiful and the little
> graphic equaliser is great for digging up signals and i can set
> curves for ssb/am/and various interferances! Its even black and fits
> exactly between the two topscrews onthe rig..looks great sitting
> there. feed it from the external spreaker jack on the back of the
> radio.
>
> Other thoughts. someone said pity the sync iisnt selectable side
> band. Well what about using 2.4 filters, detuning about 1khz or so
> and using the passband, I'm actually doing this instead of ecss
> lately.
>
> The other thing i have learned to do is TURN THE AGC OFF when
> listening to weaker signals (mostly with ute). Im amazed how much the
> agc muffles low signals. pity it breaks up so badly with agc off and
> stronger sigs.
>
> As for filters, well cant afford any at the moment, but i think the
> 3.3/1.9 combo is for me.

>
> Just realised, this is my 4th Icom radio. (got IC-740txr, ic-255 2m,
> and used to have IC-720a Txr) also icom psupply and AutoATU. Dont
> plan it that way, just end up with icom every time. settle for the
> best!
> (also have sangean 803a and used to have sony icf6700w, drake ssr1,
> kenwood r5000 -a great rig and various other boxes for hf/vhf/uhf)
> 73 and good dxing
> vk2jem
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com

344. Re: [icomr75] Re: Dedicated Program Listener Remarks on 75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-25 00:52:21 UTC
From: Eddie Bryant
Topic: 337 Message: 344

>The audio does not require much fiddling. Just a good quality
>external speaker. The Icom R75 does not suffer from bad audio, only
>from a too-small internal speaker and no tone control (although the
>twin PBT will help remedy this in nearly all cases). People who try
>to get MacIntosh-quality audio from a SWL receiver, are in the wrong
>hobby!

I also own the R8500 and occasionally use it on SW. The built in speaker
on it is very bad too in addition to ICOM stuffing it into the right rear area
of the radio. At least ICOM can get credit for placing the R75 built in
speaker on the front panel producing a front firing arrangement. Their
choice for the size of the speaker was a bit too small though.

I personally use the Radio Shack XTS-25 optimus speaker that used to
sell for around $15 when on sale. Sounds decent and looks good too.
Not too sure if they carry it anymore.

There is a night and day difference with this hooked up. I am listening
to 75 mtr AM ham transmissions at the moment and they are rich and full
sounding on the R75 with the external. Once I disconnect the external and
rely on the front firing speaker the sound gets quite tinny. Not much low
frequency response with it. I noticed when I did the Rado mod that ICOM
did stuff some foam in behind the speaker in the R75. This built in speaker
could possibly have sounded better if ICOM had placed it in its own
enclosure inside the R75.

I also wish they would have allowed a little more room on the front panel
for the relocation of the AM,FM,SSB and other mode buttons to be placed
away from the tuning knob for easier access. All in all the radio front panel
is arranged in a very logical manner.

Eddie

345. Test

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-29 15:52:12 UTC
From: Scott Medlin
Topic: 345 Message: 345

Test message, please ignore.

_____
Do You Yahoo!?
Yahoo! Auctions - Buy the things you want at great prices.
http://auctions.yahoo.com/

346. Re: [icomr75] Test

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-29 16:07:17 UTC
From: Bob Eastwood
Topic: 345 Message: 346

Does anyone have any opinions on how the r-75 and the yaesu FRG-100B compare?

They are both around the same price, $569.00.

Thanks,

Bob
W0RJE

347. Re: [icomr75] r75 audio plus rambling thoughts

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-29 17:22:58 UTC
From: k1ygg@aol.com
Topic: 337 Message: 347

Speaking of AGC mods, has anyone ever done one on a Kenwood R5000? I love that radio , but the audio recovery rate between static crashes is ridiculously long. Jim

[Non-text portions of this message have been removed]

348. Re: Dedicated Program Listener Remarks on 75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-29 18:03:27 UTC
From: paulpasternak@hotmail.com
Topic: 337 Message: 348

I am looking for the best audio quality possible within the scope of Shortwave Radio Listening. I do understand the limits of audio on shortwave; I started out with a Realistic DX-160 twenty-five years ago. And I've owned many other radios since. Now I am looking for a top of the line listening quality. You recommendation of a type of external speaker is appreciated. 73 Paul

In icomr75@y..., "Eddie Bryant" <n4umj@c...> wrote:
> >The audio does not require much fiddling. Just a good quality
> >external speaker. The Icom R75 does not suffer from bad audio, only
> >from a too-small internal speaker and no tone control (although the
> >twin PBT will help remedy this in nearly all cases). People who try
> >to get MacIntosh-quality audio from a SWL receiver, are in the wrong
> >hobby!
>
> I also own the R8500 and occasionally use it on SW. The built in speaker
> on it is very bad too in addition to ICOM stuffing it into the right rear area
> of the radio. At least ICOM can get credit for placing the R75 built in
> speaker on the front panel producing a front firing arrangement. Their
> choice for the size of the speaker was a bit too small though.
>
> I personally use the Radio Shack XTS-25 optimus speaker that used to
> sell for around $15 when on sale. Sounds decent and looks good too.
> Not too sure if they carry it anymore.
>
> There is a night and day difference with this hooked up. I am listening
> to 75 mtr AM ham transmissions at the moment and they are rich and full
> sounding on the R75 with the external. Once I disconnect the external and
> rely on the front firing speaker the sound gets quite tinny. Not much low
> frequency response with it. I noticed when I did the Rado mod that ICOM
> did stuff some foam in behind the speaker in the R75. This built in speaker

> could possibly have sounded better if ICOM had placed it in its own
> enclosure inside the R75.
>
> I also wish they would have allowed a little more room on the front
panel
> for the relocation of the AM,FM,SSB and other mode buttons to be
placed
> away from the tuning knob for easier access. All in all the radio
front panel
> is arranged in a very logical manner.
>
> Eddie

349. Fw: [icomr75] Test

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-30 08:53:28 UTC
From: Craig Seager
Topic: 349 Message: 349

----- Original Message -----
From: "Craig Seager" <cseager@...>
To: <icomr75@yahoogroups.com>
Sent: Tuesday, January 30, 2001 2:19 PM
Subject: Re: [icomr75] Test

I upgraded from an FRG-100 (not the "B" version - only difference is the filter characteristics) to the R75 with DSP, and have absolutely no regrets.

The FRG-100 is a value for money and underrated receiver but the Icom is worth paying the little bit extra for. Additional features/benefits include:

1) Notch
2) Passband tuning
3) Audio DSP option
4) Keypad frequency entry without extra expenditure
5) More filter options, and generally superior filtering
6) Better dynamic range
7) Better mediumwave sensitivity
8) Coverage up to 60 mHz (Yaesu only goes up to 30 mHz)
9) Two-level preamp
10) Two antennas selectable from front panel
11) Better software support
12) Lower noise floor

I could go on, but there's really no decision to make if the costs are comparable, or even if the Icom is more expensive (as it is in this country).

Craig Seager
Australia

cseager@...

> ----- Original Message -----
> From: "Bob Eastwood" <bob.eastwood@...>
> To: <icomr75@yahoogroups.com>
> Sent: Tuesday, January 30, 2001 3:07 AM
> Subject: Re: [icomr75] Test
>
>
> > Does anyone have any opinions on how the r-75 and the yaesu FRG-100B
> > compare?
> >
> > They are both around the same price, $569.00.
> >

> > Thanks,
> >
> > Bob
> > W0RJE
> >
> >
> > To unsubscribe from this group, send an email to:
> > icomr75-unsubscribe@egroups.com
> >
>

350. Re: Fw: [icomr75] Test

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-01-30 15:07:49 UTC
From: Bob Eastwood
Topic: 349 Message: 350

I want to thank everyone for their opinions.

I have decided to buy the R-75, even if it costs a little more.

Thanks to everyone again,

Bob
W0RJE

Craig Seager wrote:
>
> ----- Original Message -----
> From: "Craig Seager" <cseager@...>
> To: <icomr75@yahoogroups.com>
> Sent: Tuesday, January 30, 2001 2:19 PM
> Subject: Re: [icomr75] Test
>
> I upgraded from an FRG-100 (not the "B" version - only difference is the
> filter characteristics) to the R75 with DSP, and have absolutely no regrets.
>
> The FRG-100 is a value for money and underrated receiver but the Icom is
> worth paying the little bit extra for. Additional features/benefits
> include:
>
> 1) Notch
> 2) Passband tuning
> 3) Audio DSP option
> 4) Keypad frequency entry without extra expenditure
> 5) More filter options, and generally superior filtering
> 6) Better dynamic range
> 7) Better mediumwave sensitivity
> 8) Coverage up to 60 mHz (Yaesu only goes up to 30 mHz)
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> 10) Two antennas selectable from front panel
> 11) Better software support
> 12) Lower noise floor
>
> I could go on, but there's really no decision to make if the costs are
> comparable, or even if the Icom is more expensive (as it is in this
> country).
>
> Craig Seager
> Australia
>
> cseager@...
>

> > ----- Original Message -----
> > From: "Bob Eastwood" <bob.eastwood@...>
> > To: <icomr75@yahoogroups.com>
> > Sent: Tuesday, January 30, 2001 3:07 AM
> > Subject: Re: [icomr75] Test
> >
> >
> > > Does anyone have any opinions on how the r-75 and the yaesu FRG-100B
> > > compare?
> > >
> > > They are both around the same price, $569.00.
> > >
> > > Thanks,
> > >
> > > Bob
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> > >
> > >
> > > To unsubscribe from this group, send an email to:
> > > icomr75-unsubscribe@egroups.com
> > >
> >
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> icomr75-unsubscribe@egroups.com

351. R75 DSP?? and VR 5000 comparison

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-02 22:29:03 UTC
From: michael.leblanc@tellabs.com
Topic: 351 Message: 351

I just bought my R75 and love it. I owned an R71 and an R72 and the R75 is much better than both.

I bought the new VR-5000 and took it back after 24 hrs of trying to tune just 1 signal without front end distortion. If you put more than 20ft of antenna on it in HF it sucks. It's much to hard to program a memory channel. I read all the posts on the egroup for the VR-5000 and most of then said it was a great radio. In my opinion they were way off the mark.

My real question is if the internal DSP for the R75 is recommended and does it really work??

Or should my money be spent on an external unit or filters??

Michael LeBlanc

352. RE: [icomr75] R75 DSP?? and VR 5000 comparison

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-03 03:41:58 UTC
From: mrfplace@ameritech.net
Topic: 351 Message: 352

Michael,

I spoke to Roberto today and you must be the guy he spoke of regarding the VR-5000 and the R75. I have an R8500 but still went and bought the R75 and could not be happier with the R75. The current pricing makes the R75 a steal of a deal.

> My real question is if the internal DSP for the R75
> is recommended and does it really work??

You will hear mixed opinions of the DSP unit. Luckily I got mine in December when it was still included for free. I think that it is worth it for serious DXing. I have pulled in signals that would have been unreadable but for the R75's 2nd preamp and DSP working together. The only thing to remember is to not overdo it on the DSP setting. Settings in the 3 to 6 range can work wonders on some tough signals. Too high a setting muffles or muddies the sound. Based on reading the old postings on this board, and some listening hours on the R75, I am saving for at least the 3.3 kHz filter. I would say that both the DSP and the filter are valuable additions at least for me.

> I read all the posts on the egroup for the VR-5000
> and most of then said it was a great radio. In my
> opinion they were way off the mark.

As for the good opinions on the VR-5000 I hope those were scanner users in VHF and UHF because the sensitivity numbers in HF are simply uninspiring and your distortion observations do not improve matters to me.

Mike Failing

353. Re: R75 DSP?? and VR 5000 comparison

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-03 04:35:01 UTC
From: DanJBlack@prodigy.net
Topic: 351 Message: 353

--- In icomr75@y..., michael.leblanc@t... wrote:
> I just bought my R75 and love it. I owned an R71 and an R72 and
the
> R75 is much better than both.

While I have never owned an R71 or R72, I have owned two different Kenwoods (R600 and R2000), two Drakes (SW1 and SW2), two Yaesu FRG-7s, and four Realistics (2-DX160, DX100 and DX302). The R75 blows them all away!

> I bought the new VR-5000 and took it back after 24 hrs of trying to
> tune just 1 signal without front end distortion. If you put more
than
> 20ft of antenna on it in HF it sucks. It's much to hard to program
a
> memory channel. I read all the posts on the egroup for the VR-5000
> and most of then said it was a great radio. In my opinion they
were
> way off the mark.

The VR5000 is not really comparable. It is much more a "scanner" than a worldband receiver, in my opinion. It is probably an excellent radio in its own right, but it would be like comparing an SUV to a proper truck. Similar, but designed for different things. It is generally not a good idea to expect a wideband scanner to perform well on worldband, so the comparison really does not justify itself. Too bad I can't afford BOTH receivers!

> My real question is if the internal DSP for the R75 is recommended
and
> does it really work??

Most assuredly, it DOES work. I never set mine above a 3 or 4, but the real value of the DSP to me, is the ANF feature. I do a lot of SSB monitoring and ECSS tuning on worldband broadcasts, and the ANF notch function is a real blessing. Really works well.

> Or should my money be spent on an external unit or filters??

Filters, yes. I recommend FL-257 for AM and SSB-wide, and FL-223 SSB narrow. I have had good results with these two filters.

> Michael LeBlanc

354. Updated Smart Icom Control 32

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-04 16:02:17 UTC
From: Mark J. Fine
Topic: 227 Message: 354

Icom List,

Based on a tip by Roger Swearengen, a small bug was found that made the serial rate stick to 19.2 kbps when ever the Options was displayed. A fixed version (Version 3.24d) has been uploaded to our web site at: http://www.fineware-swl.com/sic.html.

Upgraders are reminded that they should install the update using the "Compact" option, which only updates the executable program.

73,

Mark J. Fine / mark.fine@...

Serving the Shortwave Community since 1988:
- Owner/Proprietor, FineWare: http://www.fineware-swl.com
- East Coast Monitor, Monitoring Times: http://www.grove-ent.com
- English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa
- CumbreLite Editor, Cumbre DX: http://www.cumbredx.org

355. R-75 vs AR-7030

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-04 16:03:58 UTC
From: pbigelow@us.ibm.com
Topic: 355 Message: 355

Hello,

My first post. This is a very nice group with LOTS of information.
Anyone contemplating purchasing an R-75 would do very well to
come here for research.

A request was posted a while back concerning the R-75 vs the AR-7030.
Here is a site (in Japanese?) that seems to compare the receivers.
Tried to find an English translation but did not find it.
A fairly wide spectrum of frequencies are compared. Cannot
determine the test conditons -- antenna switch, level matching, etc.
Does the absense of data for the AR-7030 indicate no signal
received? If so, that's a lot of "missing signals"!

The site:
http://www.asahi-net.or.jp/~TC3T-KNI/swl/j/icr75.htm

If anyone has any further thoughts, (or can translate the
referenced page!) they would be appreciated!

Has anyone on the list been able to compare the two receivers?
How do they compare:
1) Images/Overload
2) Internal generated noise (birdies, display noise, etc.)
3) Tuning lock speed. Does the tuning SOUND smooth? That is,
no pings and thumps while tuning like old synthesized receivers?
(JRC NRD-525 is poor in this regard, for example)
4) Longwave sensitivity

Has ICOM ever responed to the SYNC modification?

Best regards,

Paul Bigelow

356. Re: [icomr75] R-75 vs AR-7030

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-04 20:46:58 UTC
From: lLori Jackson
Topic: 355 Message: 356

it's all good. the r75 sync works-but who needs it??????the r75has somany
options
and is one hell of a radio. i had a nrd535d and it's prety much in that
class.

joe jackson

----- Original Message -----
From: <pbigelow@...>
To: <icomr75@yahoogroups.com>
Sent: Sunday, February 04, 2001 8:03 AM
Subject: [icomr75] R-75 vs AR-7030

> Hello,
>
> My first post. This is a very nice group with LOTS of information.
> Anyone contemplating purchasing an R-75 would do very well to
> come here for research.
>
> A request was posted a while back concerning the R-75 vs the AR-7030.
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> Tried to find an English translation but did not find it.
> A fairly wide spectrum of frequencies are compared. Cannot
> determine the test conditons -- antenna switch, level matching, etc.
> Does the absense of data for the AR-7030 indicate no signal
> received? If so, that's a lot of "missing signals"!
>
> The site:
> http://www.asahi-net.or.jp/~TC3T-KNI/swl/j/icr75.htm
>
> If anyone has any further thoughts, (or can translate the
> referenced page!) they would be appreciated!
>
> Has anyone on the list been able to compare the two receivers?
> How do they compare:
> 1) Images/Overload
> 2) Internal generated noise (birdies, display noise, etc.)
> 3) Tuning lock speed. Does the tuning SOUND smooth? That is,
> no pings and thumps while tuning like old synthesized receivers?
> (JRC NRD-525 is poor in this regard, for example)
> 4) Longwave sensitivity
>
> Has ICOM ever responed to the SYNC modification?
>
> Best regards,
>

> Paul Bigelow
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
>

357. Computer Control

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-05 12:05:18 UTC
From: Ross McCallum
Topic: 357 Message: 357

Hi,

I have ordered the computer interface and control software for the IC-R75.
I was wondering what experiences people have had controlling the IC-R75 by
computer. Are there any other software programs that can be used to control
it (scancat etc..)

Thanks
Ross

358. RE: [icomr75] Computer Control

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-05 13:42:04 UTC
From: Mark Veldhuis
Topic: 357 Message: 358

Hello,

> -----Original Message-----
> From: Ross McCallum [mailto:rossmccallum@...]

> I have ordered the computer interface and control software for
> the IC-R75.
> I was wondering what experiences people have had controlling the IC-R75 by
> computer. Are there any other software programs that can be used
> to control it (scancat etc..)

Try Fineware's Smart Icom Control: http://www.fineware-swl.com/sic.html .
Also, if you want to use the ILGRadio Database
(http://www.ilgradio.com/ilgradio.htm) with your receiver, get Radio
Listener's Database from http://www.fineware-swl.com/rldb.html .
I understand the next version of Smart Icom Control will also work with
ILGRadio.

73',
Mark Veldhuis, Borne, the Netherlands (52.3000?N, 6.7500?E).
E-mail: dx@...
http://www.markveldhuis.com
ICQ: 38955406

359. Sync detector mod and other questions

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-05 21:43:03 UTC
From: Paul Bigelow
Topic: 359 Message: 359

Hello,

Questions concerning the Sync mod:

After the modification is there any lock range at all or does
the station need to be retuned as the receiver and, possibly,
the station drifts? If so, the TCXO would help with receiver
drift, correct?

The synchronous detector as used in the Sony 2010 whines as
the station is detuned from the frequency. Does the R-75
perform similarly after the modification?

What is the effect of the Twin PBT on the sync detector?
Is is possible to select upper or lower sideband with the
PBT after the mod?

About the R-75 in ECSS:

How well calibrated is the SSB with the R-75 when selecting
USB or LSB when tuning an AM station? That is, are there any
undesirable pitch changes when selecting USB, LSB when
precisely tuned to an AM station? Ignoring the effects of
the IF filters, if properly calibrated, there should be no change
in pitch.

Tuning quality:

How many steps are used in the R-75 tuning encoder?
Is the encoder mechanical or optical?
Is there any wobble in the encoder shaft?
Is there any "chuffing" while tuning?

Best regards,

Paul Bigelow

360. Re: Sync detector mod and other questions

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-05 23:55:00 UTC
From: DanJBlack@prodigy.net
Topic: 359 Message: 360

--- In icomr75@y..., "Paul Bigelow" <pbigelow@u...> wrote:
> Hello,
>
> Questions concerning the Sync mod:
>
> After the modification is there any lock range at all or does
> the station need to be retuned as the receiver and, possibly,
> the station drifts? If so, the TCXO would help with receiver
> drift, correct?
>
RE:
The R75 does not drift appreciably. The TCXO addition will improve the stability of the unit, but in my opinion the slight and almost unmeasurable gain in stability is simply not worth the extra cost.

> The synchronous detector as used in the Sony 2010 whines as
> the station is detuned from the frequency. Does the R-75
> perform similarly after the modification?

RE:
Mine does, but only after detuning by just over 3KHz either side of the carrier frequency. Unlike my earlier Drake receiver however, the sync will re-acquire lock without the need to disengage and re-engage the sync function. 3Khz is a tremendous amount of shift for a signal, one that I have not encountered in practice yet since performing my modification.
>
> What is the effect of the Twin PBT on the sync detector?
> Is is possible to select upper or lower sideband with the
> PBT after the mod?

RE:
The twin PBT is disabled during synchronous operation. It should be noted here that by using ECSS mode, one can effectively "twist out" the interfering sideband with the PBT controls, after first determining the best sideband mode to use by A-B comparison. For this reason, I do not feel that the sync mods are as critical in the R75 as perhaps they would be in a lesser receiver, because of the tremendous flexibility of the R75's excellent PBT functions, particularly if the receiver is equipped with the almost-mandatory optional FL-257 and FL-223 filters. This is only MY opinion, others may feel more strongly about the need for the full-blown sync mods. The R75's superior selectivity and twin PBT features actually enhance the value of synchronous AM (by making it LESS necessary), not the other way around, in my opinion.
>

> About the R-75 in ECSS:
>
> How well calibrated is the SSB with the R-75 when selecting
> USB or LSB when tuning an AM station? That is, are there any
> undesirable pitch changes when selecting USB, LSB when
> precisely tuned to an AM station? Ignoring the effects of
> the IF filters, if properly calibrated, there should be no change
> in pitch.
>
RE: I cannot speak for anyone else's R75, but mine is exceptionally close, less than 8 Hz on LSB and 2Hz on USB when comparing WWV signals. I have noticed a bit of "bending" from time to time because of time-phase and/or ionospheric shifts when conditions are in flux, but otherwise it is near-perfect.

> Tuning quality:
>
> How many steps are used in the R-75 tuning encoder?
> Is the encoder mechanical or optical?
> Is there any wobble in the encoder shaft?
> Is there any "chuffing" while tuning?

RE:
The R75 has an extremely stable tuning knob, and comes with an adjustable "clutch" to vary the turning ease. There is no "chuff" involved, the R75 tunes as smoothly as any analog VFO I've ever used. The display can be selected to read down to 1-Hz increments, and it is possible to observe 1-Hz step "runups" with slow dial movement. This is definitely NOT the case with my scanner and my old Drake, with their "flup-flup" incremental sounds and detent notches. Definitely a smooth, substantial-feeling knob that will flywheel quite nicely if required. Smooth as silk!

> Best regards,
>
> Paul Bigelow

361. Re: [icomr75] Sync detector mod and other questions

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-06 02:29:26 UTC
From: Radostin Danev
Topic: 359 Message: 361

Hi Paul,

> After the modification is there any lock range at all or does
> the station need to be retuned as the receiver and, possibly,
> the station drifts? If so, the TCXO would help with receiver
> drift, correct?

The lock range is about +-3kHz. Don't buy TCXO - the receiver is very stable without it. Spend your money on filters and DSP. You'll need TCXO only if you are operating outdoors (for example) where the ambient temperature can vary a lot.

> The synchronous detector as used in the Sony 2010 whines as
> the station is detuned from the frequency. Does the R-75
> perform similarly after the modification?

If the PLL lock speed part of the mod is performed (more stable synch) then it will whine for about 1-2 seconds. The whines are masked very well by the ANF (auto notch filter) of the DSP.

> What is the effect of the Twin PBT on the sync detector?
> Is is possible to select upper or lower sideband with the
> PBT after the mod?

The PBT works. It is possible to select only one side band. But the bandpass skirt is not as sharp as in the SONY (the sony uses phasing method for sideband selection). Use the 9MHz PBT knob (outer one). This way the 450kHz IF won't shift when shifting the passband (synch won't de-lock). If you use the 455kHz knob and rotate it fast you'll hear whine (as the IF shifts).
Two advantages of using PBT instead of de-tuning:
- the display will show the frequency of the station
- no whine

> How well calibrated is the SSB with the R-75 when selecting
> USB or LSB when tuning an AM station? That is, are there any
> undesirable pitch changes when selecting USB, LSB when
> precisely tuned to an AM station? Ignoring the effects of
> the IF filters, if properly calibrated, there should be no change
> in pitch.

My R75 as it came from the factory is 5Hz up. I won't bother adjusting it unless it is more than 10Hz. A lot of stations however are off-frequency (especially the DX catches :-). I can't detect any carrier shift between USB and LSB - it is less than 1Hz. (I use SPECTRAN - very nice software ... get it)

> How many steps are used in the R-75 tuning encoder?

The encoder is "Copal Electronics" (http://www.ktpc.or.jp/kp/101610/product/p18.html) RMS20-250. It generates 250 pulses/revolution. Depending on the tuning step however the CPU will "re-bin" the steps. So if you select 1kHz tuning step one turn of the knob won't be 250kHz (as I recall it is 50 kHz).

> Is the encoder mechanical or optical?

It is magnetic (not mechanical).

> Is there any wobble in the encoder shaft?

No.

> Is there any "chuffing" while tuning?

No.

Best regards,

Rado

362. Re: [icomr75] Re: Sync detector mod and other questions

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-06 14:54:11 UTC
From: Paul Bigelow
Topic: 359 Message: 362

Hello,

Thank you Rado and Dan for your very informative answers and experiences.
The R-75 seems to be a much more welcome receiver than the R-72!
A few further questions, please:

How does the R-75 perform with strong signals? Are any detectable images
or intermod products produced with strong signals -- for example, S9+40 or
S9+50?
My Kenwood R-1000 starts having problems with signals S9+20 or S9+30.
With a good outdoor antenna signals of that strength (or even stronger) are
not uncommon these days. An attenuator can help, of course, but its use is
not
desirable.

Kind regards,

Paul Bigelow

363. Response from ICOM

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-06 22:35:48 UTC
From: Paul Bigelow
Topic: 363 Message: 363

Hello,

I received this response from ICOM concerning the S-AM (their capital letters):

WE ARE NOT AWARE OF ANY PROBLEMS WITH THE S-AM FOR R75 NOR OF ANY FACTORY MODS.

THE S-AM IS DESIGNED TO ENHANCE SIGNAL RECEPTION WERE THE SIGNAL LEVELS FLUCTUATE AND ACTUALY GOES TO ZERO....THE S-AM RESTORES THE SIGNAL UNDER THIS CONDITION. IF THIS TYPE OF SIGNAL CONDITION IS NOT BEING RECIEVED THE S-AM DOES NOTHING DIFFERENT THEN STANDARD AM DETECTION.

I have requested a clarification but if I understand ICOM's response correctly,
the S-AM is not supposed to operate unless the signal is virtually absent (or
even NO signal). That is, the benefits of S-AM under strong, medium, or even
fairly weak signal conditions are not part of the R-75 design and that the design is intentional.

Is ICOM's response new information? Responses?

Kind regards,

Paul Bigelow

364. filters.

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-06 22:44:58 UTC
From: michael.leblanc@tellabs.com
Topic: 364 Message: 364

I'm intending on purchasing the Icom DSP unit and filters but all the posts here have confused me.

I listen to AM broadcast, SW and sideband utilities. What filters are recommended for both the 9KHZ and 455MHZ positions.

What filter settings on the R75 should i use.

Michael LeBlanc

365. Re: Response from ICOM

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-06 23:51:48 UTC
From: DanJBlack@prodigy.net
Topic: 363 Message: 365

--- In icomr75@y..., "Paul Bigelow" <pbigelow@u...> wrote:
> Hello,
>
> I received this response from ICOM concerning the S-AM (their capital
> letters):
>
> WE ARE NOT AWARE OF ANY PROBLEMS WITH THE S-AM FOR R75 NOR OF ANY FACTORY
> MODS.
>
> THE S-AM IS DESIGNED TO ENHANCE SIGNAL RECEPTION WERE THE SIGNAL LEVELS
> FLUCTUATE AND ACTUALY GOES TO ZERO....THE S-AM RESTORES THE SIGNAL UNDER
> THIS CONDITION. IF THIS TYPE OF SIGNAL CONDITION IS NOT BEING RECIEVED THE
> S-AM DOES NOTHING DIFFERENT THEN STANDARD AM DETECTION.
>

RE: "Problem? What problem? We don't have any problems! What makes you think there's a problem? There can't be a problem, if we're not aware of any, and we're not aware of any, so there must not be a problem! Got a problem with that?!

:-)

> I have requested a clarification but if I understand ICOM's response
> correctly,
> the S-AM is not supposed to operate unless the signal is virtually absent
> (or
> even NO signal). That is, the benefits of S-AM under strong, medium, or
> even
> fairly weak signal conditions are not part of the R-75 design and that the
> design is intentional.
>
> Is ICOM's response new information? Responses?
>
> Kind regards,
>
> Paul Bigelow

366. Re: Response from ICOM

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-07 03:47:20 UTC
From: pbigelow@us.ibm.com
Topic: 363 Message: 366

Hello,

Point well taken. The easiest ways for a corporation to dismiss a problem is: "We are not aware of any problems", "Working as designed", and "If it isn't working as designed, change the design". Beleive me, I know ALL of the tricks.

That is why I followed up my initial inquiry with quotes from reviews and pointed to other general opinions. ICOM Japan was sent the note also.

I do not have an R-75 (yet) but to be fair to ICOM, does the R-75 perform as their response seems to indicate it should and which may have been the intended design: The sync detector is supposed to work under fading conditions when the signal strength drops to zero.

This point is important because if it does do as they say then instead of approaching ICOM with "your sync detector is broke", they can be approached with, "your sync detector seems to be working as designed, thank you, but we have another idea based upon user experience. How about this new way....". Becasuse if they are told that it's broken and the designer says it's operating correctly and then presents the data to prove it, no changes are going to be made and the critics look like amateurs -- obviously, because the critics are wrong so they do not know what they are talking about. However, if it can be determined that the sync is working AS THEY INTENDED but that there could be another, better way... at least it is recognized that the critics are experienced enough to see what is working but have a constructive suggestion.

The bottom line here is that the sync detector may not be broken or even incorrectly implemented -- it is just implemented differently from what we, as users, expect. Perhaps it could be implemented differently once again.

In any event, I await further response from ICOM.

Best regards,

Paul Bigelow

--- In icomr75@y..., DanJBlack@p... wrote:
> --- In icomr75@y..., "Paul Bigelow" <pbigelow@u...> wrote:
> > Hello,
> >
> > I received this response from ICOM concerning the S-AM (their

> capital
> > letters):
> >
> > WE ARE NOT AWARE OF ANY PROBLEMS WITH THE S-AM FOR R75 NOR OF ANY
> FACTORY
> > MODS.
> >
> > THE S-AM IS DESIGNED TO ENHANCE SIGNAL RECEPTION WERE THE SIGNAL
> LEVELS
> > FLUCTUATE AND ACTUALY GOES TO ZERO....THE S-AM RESTORES THE
SIGNAL
> UNDER
> > THIS CONDITION. IF THIS TYPE OF SIGNAL CONDITION IS NOT BEING
> RECIEVED THE
> > S-AM DOES NOTHING DIFFERENT THEN STANDARD AM DETECTION.
> >
>
> RE: "Problem? What problem? We don't have any problems! What
> makes you think there's a problem? There can't be a problem, if
> we're not aware of any, and we're not aware of any, so there must
not
> be a problem! Got a problem with that?!
>
> :-)
>
>
>
> > I have requested a clarification but if I understand ICOM's
response
> > correctly,
> > the S-AM is not supposed to operate unless the signal is
virtually
> absent
> > (or
> > even NO signal). That is, the benefits of S-AM under strong,
> medium, or
> > even
> > fairly weak signal conditions are not part of the R-75 design and
> that the
> > design is intentional.
> >
> > Is ICOM's response new information? Responses?
> >
> > Kind regards,
> >
> > Paul Bigelow

367. Second response from ICOM

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-07 16:01:53 UTC
From: Paul Bigelow
Topic: 367 Message: 367

Hello,

The second response from ICOM (their capital letters). Not encouraging.

THEIR COMMENTS ARE INTERESTING.....I'M SURE THAT IF YOU CONTINUE TO SEARCH
THE INTERNET YOU WILL FIND MANY OTHER INTERESTING REVIEWS AND
COMMENTS.......

I SUGGEST YOU GO TO YOUR LOCAL LIBRARY AND GET A TEXT BOOK ON ELECTRONIC
ENG
AND LOOK UP S-AM DETECTION...THESE CIRCUITS ARE GENERALLY DESIGNED AROUND
THIS DEFINED CRITERIA. ALSO KEEP IN MIND THAT COST OF THE R75 IS IN THE
ENTRY LEVEL CLASS....IF YOU NEED PERFORMANCE ABOVE THIS THEN A HIGHER
QUALITY (COST) UNIT MIGHT BE BETTER FOR YOU.

I have responded to ICOM and await further comments.

Best regards,

Paul Bigelow

368. Re: [icomr75] Second response from ICOM

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-07 16:39:45 UTC
From: Bert
Topic: 367 Message: 368

ouch!

i'm still contemplating a purchase of an ic-r75 this week, and am always dismayed when a large company responds condescendingly to honest questions...

however, their behavior is no different from other large radio equipment companies i've dealt with, and am just happy that someone like Rado is willing to explore improvements for the benefit of the group.

>I SUGGEST YOU GO TO YOUR LOCAL LIBRARY AND GET A TEXT BOOK ON ELECTRONIC
>ENG
>AND LOOK UP S-AM DETECTION...THESE CIRCUITS ARE GENERALLY DESIGNED AROUND
>THIS DEFINED CRITERIA. ALSO KEEP IN MIND THAT COST OF THE R75 IS IN THE
>ENTRY LEVEL CLASS....IF YOU NEED PERFORMANCE ABOVE THIS THEN A HIGHER
>QUALITY (COST) UNIT MIGHT BE BETTER FOR YOU.

369. Re: Second response from ICOM

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-07 22:26:34 UTC
From: DanJBlack@prodigy.net
Topic: 367 Message: 369

--- In icomr75@y..., "Paul Bigelow" <pbigelow@u...> wrote:
> Hello,
>
> The second response from ICOM (their capital letters). Not
encouraging.
>
> THEIR COMMENTS ARE INTERESTING.....I'M SURE THAT IF YOU CONTINUE TO
SEARCH
> THE INTERNET YOU WILL FIND MANY OTHER INTERESTING REVIEWS AND
> COMMENTS.......
>
> I SUGGEST YOU GO TO YOUR LOCAL LIBRARY AND GET A TEXT BOOK ON
ELECTRONIC
> ENG
> AND LOOK UP S-AM DETECTION...THESE CIRCUITS ARE GENERALLY DESIGNED
AROUND
> THIS DEFINED CRITERIA. ALSO KEEP IN MIND THAT COST OF THE R75 IS IN
THE
> ENTRY LEVEL CLASS....IF YOU NEED PERFORMANCE ABOVE THIS THEN A
HIGHER
> QUALITY (COST) UNIT MIGHT BE BETTER FOR YOU.

DJB: This fuss over synchronous detection is a distraction. ICOM is not likely to act upon any design changes, even with the proper user research such as that conducted by Rado. It should be kept in mind, that the problem is quite simple to fix. Even if one chooses NOT to perform the modifications, there is really very little lost on the part of the buyer of an R75. The cost of the R75 is, indeed in the entry level class, as stated above. I would be very, very surprised to see the R75 continue in production much longer, let alone in a re-engineered format.

Take for example, the hoopla surrounding the Grundig "large-as-a-satellite" 800 Millenium. This beast was the focus of some very intense R & D work, marketing/P & R and production work, no doubt worth millions. The newest version of the 800 does, indeed bear some improvements over the initial production model. However, the unit is very likely the most over-hyped receiver in modern days, and for all the attention and co-operation on the part of Grundig to produce a new "people's radio", the unit still falls short in many respects.

This is clearly not the case with the R75. Even with the comparatively minor snag with the sync AM circuit, the unit utterly blows away anything else in its class, on merit of its low cost alone. Think of it this way: If the R75 was not even equipped with ANY synchronous detector, it would not be a bad bargain at its

present cost levels, at least here in the US where it is available under $570 as this is written! The R75 is jammed full of features and performance quality that are simply not available without spending a great deal more, say on a $1200 R8B Drake, which I consider to be the R75's closest rival, but because of its higher cost it surrenders much value to the R75.

When one considers the quality of construction and the otherwise-superb engineering that can be had with the ICOM, the lack of synchronous AM function is quite minor, especially since the "fix" is not all that complicated. If I had a new car that could be easily improved for a few cents' worth of parts and the time it takes to unsolder and lift a pin from a circuit board, even if the manufacturer did not implement the change in the factory, I would be very happy to do so.

Readers of my posts to this group will know that I am not a great fan of Sync AM in the first place, and I don't mean to belittle its importance to those who feel the feature is absolutely crucial to their life functions! I just think, entirely too much worrying about Sync AM detracts from the main point, and that is the ICOM R75 is a top-drawer receiver for a price that more easily fits many lower-quality units.

I am tempted, in fact, to pick up another R75 at these low prices, while they are available. Who knows, with receivers dropping from product line-ups every couple years now, the R75 may just be tomorrow's sought-after commodity!

For those interested at all, I find it a good point of reference to use the Grundig YB-400 Yacht Boy portable, as support for my opinion on Synchronous AM. In one popular publication, the YB-400 is one of two portables to earn the editor's TOP honors, in a virtual tie with the Sony 7600G. The Sony has one of the more well-regarded synchronous AM circuits available, especially in a portable. However, the YB-400 totally lacks sync AM. If the feature were as all-important as many seem to feel, including the editor of that publication himself, then the Yacht Boy would surely not be able to occupy the spotlight in such an esteemed position!

The fact that the R75 at least has a pretty fair sync AM circuit, but has apparently been installed incorrectly and is easily remedied (thanks to Rado's hard work), is like having to open the little prize that is stuffed into a box of cereal--It's right there, but takes just a little effort to unwrap it!

Sorry for the OT posting!

Danny
>

> I have responded to ICOM and await further comments.
>
> Best regards,
>
> Paul Bigelow

370. Re: [icomr75] Re: Second response from ICOM

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-07 22:45:00 UTC
From: Nick Marsh
Topic: 367 Message: 370

DanJBlack@... wrote:

> Even with the comparatively minor snag with the sync AM circuit, the > unit utterly blows away anything else in its class, on merit of its > low cost alone.

I agree with Danny. I grew up on R4's, 75S and R-390's, with a few odd balls thrown in. My first radio with sync was a Sony 2010, and while it worked very well, I rarely used it.

Just for grins I drove 130 miles today with the R75 in the passenger seat connected to a Wilson 1000 CB antenna, and I listened to the net on 14.300 USB. Great copy the whole time from an antenna limited setup.

I think this is a great receiver, with very nice options for performance improvements.

Not to slight Rado, he did a wonderful job in finding performance mods for the AM sync purists that hang out here. Lots of hard work on his part.

I would be more interested in performance mods like tighter filters, lower noise floor, better noise reduction/blanking, etc.

just my 2 cents worth...

Nick
WB4SQI

371. Re: [icomr75] Second response from ICOM

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-08 05:08:42 UTC
From: keith
Topic: 367 Message: 371

I don't think you will be dissapointed with the R75.

Even without making the Sync mod, this is a good reciever. Using it in ECSS mode work very well.
I've made the modification to my reciever and it improves the sync considerably. It still does not have the sync capability of other radios. It is unfortunate that Icom is in denial over the fact that their sync implementation just sucks compared to what they could have done.

I feel that this is still the best value in shortwave recievers available today. Love mine!

Regards,

Keith

On Wed, 07 Feb 2001, you wrote:
> ouch!
>
> i'm still contemplating a purchase of an ic-r75 this week, and am always dismayed when a large company responds condescendingly to honest questions...
>
> however, their behavior is no different from other large radio equipment companies i've dealt with, and am just happy that someone like Rado is willing to explore improvements for the benefit of the group.
>
>
> >I SUGGEST YOU GO TO YOUR LOCAL LIBRARY AND GET A TEXT BOOK ON ELECTRONIC
> >ENG
> >AND LOOK UP S-AM DETECTION...THESE CIRCUITS ARE GENERALLY DESIGNED AROUND
> >THIS DEFINED CRITERIA. ALSO KEEP IN MIND THAT COST OF THE R75 IS IN THE
> >ENTRY LEVEL CLASS....IF YOU NEED PERFORMANCE ABOVE THIS THEN A HIGHER
> >QUALITY (COST) UNIT MIGHT BE BETTER FOR YOU.
>
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com

372. Re: Second response from ICOM

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-08 12:18:48 UTC
From: pbigelow@us.ibm.com
Topic: 367 Message: 372

Hello,

Just thought I would try. If nothing was said to ICOM then
they would be entirely correct in stating that they have not
heard of any problems.

For me, the synchronous detector improves the readability of the
signal and keeps it readable during deep fades (those fades that
occur while the station is announcing its ID :-)) In any event,
if the sync does work as ICOM says it should (the reviews I had
read indicated that it did not work AT ALL) then it does have
benefit and may be suitable for my needs as is, without
modification.

So, has it been confirmed that the S-AM engages and works
on signals that fade to zero strength?

Other than the price of the optional filters, the R-75 does
appear to be a very, very nice receiver.

Best regards,

Paul Bigelow

373. Re: Response from ICOM

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-08 17:45:49 UTC
From: rem1875@aol.com
Topic: 373 Message: 373

Bravo Paul!!!!
Well done. I believe if there is a key to this problem (?) with Icom your solution is the best way to go.
Constructive criticism is often given but the constructive part usual gets lost before the message is received.
Far better to work with ICOM than to 'Keep telling them stuff'
Far better to offer a new possibility than to continue to tell them to fix something which in their eyes is not broken.
Maybe if we ask their opinionon on this mod and request thier assitance to see if works we will get farther than telling them we fixed your goof up
A tactful request to work with us on this possibilty may get us there.
(and as u see from my post i am not the person to request this as my forte danged sure aint electronics)
once again BRAVO Paul
Joe in North Texas

[Non-text portions of this message have been removed]

374. FS: Icom IC-R75 HF/50 MHz rcvr with DSP: $495 shipped

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-08 23:55:42 UTC
From: remler@juno.com
Topic: 374 Message: 374

For Sale: Icom IC-R75 HF/50 MHz receiver with UT-106 DSP. Like new in original box with power supply and documentation. $495 shipped anywhere in the continental U.S. Contact Rick at remler@...

375. Re: Dedicated Program Listener Remarks on 75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-09 03:03:06 UTC
From: bobmendria@yahoo.com
Topic: 337 Message: 375

--- In icomr75@y..., paulpasternak@h... wrote:
> I am looking for the best audio quality possible within the scope
of
> Shortwave Radio Listening. I do understand the limits of audio on
> shortwave; I started out with a Realistic DX-160 twenty-five years
> ago. And I've owned many other radios since. Now I am looking for a
> top of the line listening quality. You recommendation of a type of
> external speaker is appreciated. 73 Paul
>
>
> In icomr75@y..., "Eddie Bryant" <n4umj@c...> wrote:
> > >The audio does not require much fiddling. Just a good quality
> > >external speaker. The Icom R75 does not suffer from bad audio,
> only
> > >from a too-small internal speaker and no tone control (although
> the
> > >twin PBT will help remedy this in nearly all cases). People who
> try
> > >to get MacIntosh-quality audio from a SWL receiver, are in the
>
wrong

> > >hobby!
> >
> > I also own the R8500 and occasionally use it on SW. The built in
> speaker
> > on it is very bad too in addition to ICOM stuffing it into the
> right rear area
> > of the radio. At least ICOM can get credit for placing the R75
> built in
> > speaker on the front panel producing a front firing arrangement.
> Their
> > choice for the size of the speaker was a bit too small though.
> >
> > I personally use the Radio Shack XTS-25 optimus speaker that used
to
> > sell for around $15 when on sale. Sounds decent and looks good
too.
> > Not too sure if they carry it anymore.
> >
> > There is a night and day difference with this hooked up. I am
> listening
> > to 75 mtr AM ham transmissions at the moment and they are rich
and
> full

> > sounding on the R75 with the external. Once I disconnect the
> external and
> > rely on the front firing speaker the sound gets quite tinny. Not
> much low
> > frequency response with it. I noticed when I did the Rado mod
that
> ICOM
> > did stuff some foam in behind the speaker in the R75. This built
in
> speaker
> > could possibly have sounded better if ICOM had placed it in its
own
> > enclosure inside the R75.
> >
> > I also wish they would have allowed a little more room on the
front
> panel
> > for the relocation of the AM,FM,SSB and other mode buttons to be
> placed
> > away from the tuning knob for easier access. All in all the radio
> front panel
> > is arranged in a very logical manner.
> >
>
>

Hi Paul: I too, cut my SWL teeth on a DX 160. The radio makes my ears squint. I still keep it for sentamental reasons and use it from time to time. I makes me appreciate almost anything else. Re very good audio. In the 1960's and 70's there seemed to be a push to make all radios sound like Zenith T O's . Then when the digital age came along decent audio was forgotten. I had a Panasonic 2900 which I worked to death. The SSB was lousy but the rest of the radio sounded good. Later I had a 2nd hand Yaesu frg 7700. It had pretty good audio when hooked up to an outboard speaker. I could never adapt to the harsher sounding , although much better performing Kenwood R-5000. Which is why I bought the Grundig 800. It is a good sounding rig. About two months back in the local Sally Ann store I came across the Holy Grail of SWL for $15.00. This was a Grundig Satellit 6000 that barely worked. The MW dial cord was snapped andn it will be a very difficult job to replace. The short wave bands barely worked until I cleaned up the band switches. And when I did that I heard the best audio on short wave that I have heard since I was 6 years old and played with the family console radio. When the current 800 advertises "That German sound" they are engaging in a little puffery. It is pale when heard beside the 6000. My advise is to find a big older rig for program listening and whatever suits your fancy for SSB. Hope this helps. Bob Mendria

376. New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-10 00:53:22 UTC
From: icomr75@yahoogroups.com
Topic: 242 Message: 376

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the icomr75
group.

File : /Photos/my shack.jpg
Uploaded by : katagiri@...-ho.ne.jp
Description : Yasuaki Katagiri's shack

You can access this file at the URL

http://groups.yahoo.com/group/icomr75/files/Photos/my+shack.jpg

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

katagiri@...-ho.ne.jp
Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms

377. Third response from ICOM re: Sync

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-10 16:02:32 UTC
From: pbigelow@us.ibm.com
Topic: 377 Message: 377

Hello,

I received my response from ICOM and the person indicated he would forward the concerns of the sync detector to the R&D department. Does that that mean it gets filed in the trash? Maybe, but I will to follow up and would like a response from ICOM R&D.

Best regards,

Paul Bigelow

378. all i can say is WOW!

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-10 16:09:11 UTC
From: Varela, Humberto J
Topic: 378 Message: 378

well, i got my r75 yesterday, UPS Next Day from Universal.

like others on this list, i was immediately impressed by:

1) the size of the radio (seemed larger than i expected)
2) the bright display!

despite getting home late last night, i went ahead and set up a preliminary rig of an RF Systems Mini-Windom (indoors) and the Icom near my second story window.

it took me awhile to understand how to set the scan edges (even though i already own an R2!) and figure out that many of the settings apply to optional equipment (like the DSP - which did not come with my R75).

nevertheless, i stayed up fiddling with the radio until i couldn't keep my head up anymore!

while i still plan to set up a better longwire antenna outdoors, i am very pleased with the Mini-Windom.

and the R75 is great! for an "entry level" SW radio, this little radio is fantastic!

i'm sure with the coming weeks, i will discover some of the oft-described shortcomings with the S-AM feature and possibly want to upgrade my stock filters, but for now, the R75 is doing a sterling job for my listening interests!

[Non-text portions of this message have been removed]

379. Re: New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-10 23:10:31 UTC
From: DanJBlack@prodigy.net
Topic: 242 Message: 379

--- In icomr75@y..., <icomr75@y...> wrote:
>
RE: Hey, I couldn't help but notice your Lowe HF-150...how do you
like it?

Danny

> Hello,
>
> This email message is a notification to let you know that
> a file has been uploaded to the Files area of the icomr75
> group.
>
> File : /Photos/my shack.jpg
> Uploaded by : katagiri@c...
> Description : Yasuaki Katagiri's shack
>
> You can access this file at the URL
>
> http://groups.yahoo.com/group/icomr75/files/Photos/my+shack.jpg
>
> To learn more about file sharing for your group, please visit
>
> http://help.yahoo.com/help/us/groups/files
>
> Regards,
>
> katagiri@c...
> Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms

380. Re: all i can say is WOW!

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-10 23:16:39 UTC
From: DanJBlack@prodigy.net
Topic: 378 Message: 380

--- In icomr75@y..., "Varela, Humberto J" <varelah@u...> wrote:
> well, i got my r75 yesterday, UPS Next Day from Universal.
>
> like others on this list, i was immediately impressed by:
>
> 1) the size of the radio (seemed larger than i expected)

> 2) the bright display!
> RE: You will learn, if not already have, that the display intensity is adjustable through the menus.

> despite getting home late last night, i went ahead and set up a preliminary
> rig of an RF Systems Mini-Windom (indoors) and the Icom near my second story
> window.
>
> it took me awhile to understand how to set the scan edges (even though i
> already own an R2!) and figure out that many of the settings apply to
> optional equipment (like the DSP - which did not come with my R75).
>

> nevertheless, i stayed up fiddling with the radio until i couldn't keep my
> head up anymore!
RE: It's only the beginning, my friend!
>

> while i still plan to set up a better longwire antenna outdoors, i am very
> pleased with the Mini-Windom.
>
> and the R75 is great! for an "entry level" SW radio, this little radio is
> fantastic!
> RE: It is only entry-level in price. Far and away NOT entry-level in its performance, as you will come to appreciate as you log hours on it!

> i'm sure with the coming weeks, i will discover some of the oft-described
> shortcomings with the S-AM feature and possibly want to upgrade my stock
> filters, but for now, the R75 is doing a sterling job for my

listening
> interests!
>
>
> [Non-text portions of this message have been removed]

381. the inevitable DSP question...again

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-11 02:48:41 UTC
From: Varela, Humberto J
Topic: 381 Message: 381

despite reading through the entire r75 list archive more than once, i am still having problems understanding the role of DSP in listening to SSB with the icr75.

right now, i'm tuned into some interesting conversation on 80 meter band, but with a very distinct and annoying "waterfall" sound in the background.

forgive my ignorance, but how would this annoyance best be resolved?

1) installation of and judicious use of the Icom DSP?
2) better antenna selection/configuration/placement?
3) better filter selection for the chosen band/listening habits?

as others have alluded to, the twin PBT function works well to eliminate unnecessary noise, but i am still left wondering if just a teeny bit more could be done to improve my SSB reception...

[Non-text portions of this message have been removed]

382. Re: the inevitable DSP question...again

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-11 04:39:12 UTC
From: DanJBlack@prodigy.net
Topic: 381 Message: 382

--- In icomr75@y..., "Varela, Humberto J" <varelah@u...> wrote:
> despite reading through the entire r75 list archive more than once, i am
> still having problems understanding the role of DSP in listening to SSB with
> the icr75.
>
> right now, i'm tuned into some interesting conversation on 80 meter band,
> but with a very distinct and annoying "waterfall" sound in the background.
>
> forgive my ignorance, but how would this annoyance best be resolved?
>
> 1) installation of and judicious use of the Icom DSP?
> 2) better antenna selection/configuration/placement?
> 3) better filter selection for the chosen band/listening habits?
>
> as others have alluded to, the twin PBT function works well to eliminate
> unnecessary noise, but i am still left wondering if just a teeny bit more
> could be done to improve my SSB reception...
>
RE: Don't confuse "noise" with "interference". Bandwidth filters will reduce adjacent-station interference. They do little to eliminate certain types of noise, however. DSP in the R75 is an AUDIO stage process i.e., the detection has already taken place. Any adjacent splatter and interference will still be present, unless filtered out in the I-F stage ahead of the audio.

The DSP works well on SSB, especially with regard to the ANF notch filter function. If you are receiving AM heterodyne whistles, the ANF will sharply reduce these. This is useful for knocking-out CW interference when present on or near a phone QSO frequency.

To reduce general "trash" noise, I think the DSP is excellent. It will begin to affect a signal's intelligibility if set too high, especially with phone SSB signals. I use mine when the bands are noisy, otherwise I shut it off. I seldom set it higher than 4, usually 2 or 3 are best in my opinion.

I am also subject to AC 60-Hz interference at my site, particularly on hot summer days when the neighborhood homes are running air conditioners! I have a utility pole power transformer about 100 feet from my antenna tower, which is the worst culprit. The R-75,

fortunately, has one of the best NB (noise blanker) circuits I have used. Its only drawback is on strong signals (S10 or higher), where the NB contributes a raspy, "tearing-paper" sound to voice signals. If this occurs, I either back-down the RF gain or shut the blanker off.

I feel the DSP is worthwhile, but if I had to buy one outright, I'd find a used one or else spend my money on good filters first. I am using FL-257 for AM and FL-223 for SSB filtering.

Too bad you did not get the DSP free...but I would bet, if you asked around, you could get one cheaper than full price from somewhere.

Danny
>
> [Non-text portions of this message have been removed]

383. Re: New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-11 14:13:19 UTC
From: katagiri@cam.hi-ho.ne.jp
Topic: 242 Message: 383

Hi, Danny and all !

I am an earnest shortwave listener in Japan. I got my R75 last December.
Also I got some optional item, FL257, FL223, DSP unit, and RS-R75.
I usually connect outboard speaker, GROVE SP-200B. It's a good-sound maker!
I think this receiver is suited to ECSS and utility DXing.
My favorite DX-target are south east and central Asia and MW-DX □iNorth America and Pacific□j.
Unfortunately, there are few users of R75 in Japan. So I would like to give and get some information and know-how about this rx.

> RE: Hey, I couldn't help but notice your Lowe HF-150...how do you
> like it?
>
> Danny

Oh, Danny! I have had HF-150E□inot HF-150!□j since Aug., 1998.
It's a top-notch audio quality performer , and suited to listen to international broadcasting and MW-DX.
==========
Yasuaki Katagiri
Saitama, Japan
e-mail; katagiri@...-ho.ne.jp
==========

384. Re: New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-11 16:04:14 UTC
From: DanJBlack@prodigy.net
Topic: 242 Message: 384

--- In icomr75@y..., katagiri@c... wrote:
> Hi, Danny and all !
>
> I am an earnest shortwave listener in Japan. I got my R75 last
> December.
> Also I got some optional item, FL257, FL223, DSP unit, and RS-R75.
> I usually connect outboard speaker, GROVE SP-200B. It's a good-
sound
> maker!
> I think this receiver is suited to ECSS and utility DXing.
> My favorite DX-target are south east and central Asia and MW-DX
> □iNorth America and Pacific□j.
> Unfortunately, there are few users of R75 in Japan. So I would
like
> to give and get some information and know-how about this rx.

RE 02/11/01: Welcome to the group! You will find LOTS of information about the R75, user tricks, mods, observations etc. So far, I am impressed with the membership in this group. There are many very dedicated and intelligent people at this site, it is by far the most enjoyable group I belong to. I only wish I had a digital camera so I could post a photo to the files, of my radio bench. If you want to learn, interact and share your experiences, this is DEFINITELY the place to be. Great people make great groups, and I am very happy to be in the presence of so many top-notch R75 users. You won't find it any better, elsewhere!
>
> > RE: Hey, I couldn't help but notice your Lowe HF-150...how do
you
> > like it?
> >
> > Danny
>
> Oh, Danny! I have had HF-150E□inot HF-150!□j since Aug., 1998.
> It's a top-notch audio quality performer , and suited to listen to
> international broadcasting and MW-DX.
> ============================
> Yasuaki Katagiri
> Saitama, Japan
> e-mail; katagiri@c...
> ============================

385. how do you use your r75s memories?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-12 22:48:29 UTC
From: jemmex@yahoo.com
Topic: 385 Message: 385

Hi
I thought it might be fun to compare memory layouts.
I use Mark fines software to set up my memories, and i have made a
few different plans up and swap them in a nd out as i need to.
I set up different memory plans for different types of listening.
Anyway i made a folder in files area called "memory schemes" an
popped a couple in there with descriptions.
feel free to look at my layouts, comment, suggest other "Hot
Frequencies" or post your own layout.

you know 100ch really aint enough.

have fun!
JEM
VK2JEM

386. Re: [icomr75] Re: New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-13 01:33:38 UTC
From: Radostin Danev
Topic: 242 Message: 386

Hi Katagiri-san,

Welcome to the group!
I'm also living in Japan (I'm foreign student here). I'm in Okazaki - about 30 km south-east of Nagoya.
I would love to exchange some experience about R75 and DX-ing in Japan. My favourites are Europe and South America. Lots of urban noise below 9Mhz - how do you deal with it? I was thinking of purchasing MFJ-1026 noise cansellor. However the retailers here are selling it at about twice the price in the US. I have the schematic and will try to find the parts and asemble something similar.

Your house does not look like tipical japanese apartment - the ceiling seems pretty high. :-) Also the furniture ...

Best regards,

Rado

387. Re: Second response from ICOM

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-13 02:57:57 UTC
From: Michael Moore
Topic: 367 Message: 387

--- In icomr75@y..., pbigelow@u... wrote:
> Hello,
>
> Just thought I would try. If nothing was said to ICOM then
> they would be entirely correct in stating that they have not
> heard of any problems.

I hade spoke to a technician at Icom America many moons ago. He told me that he had tested the sync-AM in their shop and indicated that it performed according to specs -- my guess is they don't actually listen to the radios but merely look at the digital reading off their test equipment. His theory on the differences between the R75 sync detector and that of other brands is that the other brands employ filters in the sync detector circuit and the R75 does not. But I retorted that the R75 sync detector seemed to have no (positive) effect on selective fading. His response to this was that the R75's sync detector was designed to work in a specified range (he gave the range but I cannot remember what it is -- somthing like +- 3kHz). But to this day I have not noticed any benefit to using the sync detector (I have not done Rado's mod). In fact, the AM is almost useless to me on this radio. Fortunately, the USB side of things are decent and the radio is a good price considering. Nonetheless, I much prefer to listen to my AR7030+. Usually, the only time I listen to the R75 is when I have both the AR7030+ and the R75 on at the same time.

--
Michael Moore

> For me, the synchronous detector improves the readability of the
> signal and keeps it readable during deep fades (those fades that
> occur while the station is announcing its ID :-))
> In any event,
> if the sync does work as ICOM says it should (the reviews I had
> read indicated that it did not work AT ALL) then it does have
> benefit and may be suitable for my needs as is, without
> modification.
>
> So, has it been confirmed that the S-AM engages and works
> on signals that fade to zero strength?
>
> Other than the price of the optional filters, the R-75 does
> appear to be a very, very nice receiver.
>
> Best regards,
>
> Paul Bigelow

388. Re: [icomr75] Re: Second response from ICOM

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-13 03:05:27 UTC
From: Radostin Danev
Topic: 367 Message: 388

Hi Michael,

> He told me that he had tested the sync-AM in their shop and indicated that
it
> performed according to specs -- my guess is they don't actually listen
> to the radios but merely look at the digital reading off their test
> equipment.

This is what I think - Icom never tests the radios in real world situations.
Only with test equipment (SSG, scope etc.). They will greatly benefit if
they hand the radio for beta-test to some users.

Best regards,

Rado

389. Where to get the Rado Sync Mod done?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-13 18:29:56 UTC
From: Michael @ Pacbell
Topic: 389 Message: 389

Hi all,
I was wondering if anybody knew of a company that would do the mod for me.
I already talked to Kiwi and they are not doing it yet. I live in the San
Jose, CA area, but wouldn't mind shipping the radio if necessary.
Thanks
Michael

390. Filters

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-14 01:08:55 UTC
From: Enrique A. Wembagher
Topic: 390 Message: 390

Hi Rado,
As your configuration of filters in SSB mode?
73?s
Enrique

391. Re: Second response from ICOM

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-14 01:48:37 UTC
From: jjga@usa.net
Topic: 367 Message: 391

--- In icomr75@y..., "Radostin Danev" <rado@n...> wrote:
> This is what I think - Icom never tests the radios in real world
situations.
> Only with test equipment (SSG, scope etc.). They will greatly
benefit if
> they hand the radio for beta-test to some users.

Yeah, like to YOU and ME, Rado, right?! Let's tell them! ;-)

392. Re: Where to get the Rado Sync Mod done?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-14 01:58:31 UTC
From: jjga@usa.net
Topic: 389 Message: 392

--- In icomr75@y..., "Michael @ Pacbell" <elgringo@p...> wrote:
> Hi all,
> I was wondering if anybody knew of a company that would do the mod for me.
> I already talked to Kiwi and they are not doing it yet. I live in the San
> Jose, CA area, but wouldn't mind shipping the radio if necessary.
> Thanks
> Michael

To Michael et al:

Craig S. at Kiwa just finished doing his first R75 mods: to my Icom! I got it back today, Tuesday Feb. 13, so these are only my very first, preliminary impressions after listening to a couple of stations and bandscanning for a few minutes. I wanted to share this with you all right away. Tonite I will go back and check it out under more 'critical' conditions if I have time, for adjacent interference, S-AM/AGC performance, filter measurements, etc.

So far the most noticeable improvement (remember I only had the 75 for a few days, brand new, before sending it to Kiwa in January) was the substitution of the 15kHz filter with a 3.8kHz LFH2SK-W, the same Kiwa uses for the Sangean 909/R.S. DX-398 mod. Well, not really that way...READ:

We (Craig!) did the following to make the filter rotation 'logical':

1. Took out the 6k filter out and soldered in the 3.8k (450IF)
2. In the place of the existing 15k (wide) he put the 6k stock

Now I have: AM-W: 15 + 6; AM-M: 15 + 4; AM-N: 2.8 + 3.3
SAM-W: 15 + 6; SAM-M: 15 + 4; SAM-N: 2.8 + 4

For SSB I will use: W: 15 + 3.3; M: 2.8 + 3.3; N: 2.4 + 2.4

Notes:

The 3.3 b/w comes from the installed FL-257 (455k IF) filter
The 2.8 b/w comes from the installed FL-103 (9MHz IF) filter
The optional 455IF 3.3k CAN'T be used in synchronous AM mode

I can tell already that the 4k (OK, 3.8-3.9!) does a great job, and it sounds very well. I should add that an audio modification (whose details I don't know, ask Kiwa) was performed. It helps quite a bit in all modes and bandwidths tested today. Along with the DSP unit, it somewhat improves fidelity I 'feel', in general. I prefer to listen

more, probably over the next weekend, before saying anything else. You all know what the DSP option does, I won't talk about it, no change there.

Now...the S-AM actually works! In wide mode, with my filters and configuration, it roughly locks 3k up and 3 down; about 2k with the intermediate b/w, 1.5k with the narrow. It now 'howls' for, I'd say, barely one second, but it seems to hold frequency quite well. I really need more time to tell. I tried everything with a weak station (RFI on 15300kHz) and a strong religious (?!) on 15390, to contrast them.

I don't know if Craig did anything different than what Rado had already 'discovered'. I will ask him lately what exact parts he used, which values, etc. You would have to ask him if you want to know, I'm not to reveal 'everything', I can't. He's been sick for a week, he is not feeling too well yet, he barely could talk this afternoon. So I didn't want to ask him 'the works'. :-)

He told me to tell you to wait and watch the Kiwa site for news on when he will actually be ready to take on more R75s if you would be interested in the mods. He doesn't have a price set yet, he's backlogged with work, it'll take him a few days, a couple of weeks maybe (?!).

For AGC use, in the ½ hour I 'tested' the R75 this afternoon, I noticed that using Fast for looking for signals worked a bit better, Normal (Slow?!) when the station has been found and you will listen to a program. Every ear is different, that's up to everyone personally I guess, most of the time, according to my experience with previous communications receivers. I will try both AGC settings more with SSB in the upcoming days to see what works better/best for me with that mode.

Craig forgot to check out the attenuation mod, he didn't do it, so when I have time to open the unit, if I feel I need it (I don't think so, AM listening is only secondary for me), I will handle that myself, it's easy. I will first test by temporary short-circuiting the two tiny half-moon pads, then bridging them if I like what I hear. No hurry whatsoever on that.

Bear with me, I'm very busy and most probably won't be able to reply individually if you write directly to me with questions. I would prefer that you ask them here in the e-group so everybody benefits from the answer(s). I will try to check out the site once a day if I can.

So Rado...any questions?! If you get 'technical', I will have to refer you to Kiwa, watch out. I'm 'theoretically weak', I just listen to shortwave, since the 70s by the way. By way of courtesy I'm emailing this comments directly to him in Japan only.

I'm very happy with the way my 'new' R75 handles and behaves now and so far. By Sunday or Monday I might come back here and say something different, check me out!

Best regards to all in the group

A few last-second additions:

1. Kiwa doesn't have a price set yet, it'll be posted on the site
2. Outer (455k) PBT knob works with 4k filter in S-AM mode, nice!
3. Kiwa's site URL: www.kiwa.com
4. This is what it shows about 'our' radio there right now:

"ATTENTION Icom R-75 receiver owners!!

Kiwa Electronics will soon have receiver
upgrade enhancements for the R-75!"

393. Re: [icomr75] Re: Second response from ICOM

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-14 02:08:23 UTC
From: Nick Marsh
Topic: 367 Message: 393

My turn....

Sitting here listening to BBC on 6.175 (or 6175 to the khz purists) and have a fair amount of fading. Signal levels are S9 to S9+20. I cannot tell any difference between AM and S-AM. Are these signal levels too high?

OK, turned off the Preamps, S3 to S7 peaks, occasionally dropping to S1. Switching the Sync off and on seems to do nothing. Tuning off freq with S-AM on I don't see a "lock" point...

Further, ATT on, no signal on the meter, S-AM blinks, no difference in AM or S-AM. I can barely hear BBC even though there is no signal indicated on the meter.

So, what exactly does Icom think S-AM mode will do? I wish someone from Icom would explain what they think it does and then Rado explain what it should do....(to Icom, not us...)

My 2 cents worth...

Nick
WB4SQI

OBTW, I guess my original post about growing up without synchronus AM still holds true. If you never had it, maybe you don't know what you are missing....

jjga@... wrote:
>
> --- In icomr75@y..., "Radostin Danev" <rado@n...> wrote:
> > This is what I think - Icom never tests the radios in real world
> situations.
> > > Only with test equipment (SSG, scope etc.). They will greatly
> benefit if
> > > they hand the radio for beta-test to some users.
>
> Yeah, like to YOU and ME, Rado, right?! Let's tell them! ;-)
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com

394. RE: [icomr75] Re: New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-14 02:16:12 UTC
From: Enrique A. Wembagher
Topic: 242 Message: 394

Rado,
I was proving here to the mfj1026 but it didn't satisfy me although many members of SW lists told me that it worked very well.
I didn't feel it really this way and study the circuit.
For friends in SW lists could find a called project "QRN Squasher" that is but simple of building, I design it Doug Of Maw.
They are files called qrn in pdf.
http://www.trsc.com/files_for_download.htm

73?s
Enrique

> Lots of urban noise below 9Mhz -
> how do you deal with it? I was thinking of purchasing MFJ-1026 noise
> cansellor. However the retailers here are selling it at about twice the
> price in the US. I have the schematic and will try to find the parts and
> asemble something similar.

395. Re: [icomr75] Re: Where to get the Rado Sync Mod done?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-14 02:15:43 UTC
From: Nick Marsh
Topic: 389 Message: 395

to jjga@... and others,,,,

> Craig S. at Kiwa just finished doing his first R75 mods: to my Icom!

Be sure to keep us posted on your comments.

I am assuming you had previously installed Icom filters?

And Craig has added one of the Kiwa filters (4K?)

Do I have this correct?

Nick
WB4SQI

396. Re: [icomr75] how do you use your r75s memories?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-14 02:22:43 UTC
From: Radostin Danev
Topic: 385 Message: 396

Hi Jem,

I'm using the memories on my R75 for temporary storage only.
My DX sessions are like this:
- GNPB software on my notebook for ILG database.
- TRGpro (PalmOS) for logging - I have a database in ThinkDB.
- RecAll soft for recording in MP3

I first clear all memories and then write each catch in a channel. After some time I go back to the previous catches to check what's up (if there is some improvement in the SINPO).
Does somebody know a way to clear all memories without resetting the R75 (and losing filter settings etc.)?

Best regards,

Rado

397. Re: [icomr75] Filters

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-14 02:25:26 UTC
From: Radostin Danev
Topic: 390 Message: 397

Hi Enrique,

My SSB filter settings are:

9 MHz 455 kHz

Nar: 2.4 2.4
Med.: 2.4 3.3
Wid.: 15 3.3

3.3 kHz is optional FL-257

Best regards,

Rado

----- Original Message -----
From: Enrique A. Wembagher
To: Icomr75@yahoogroups.com
Sent: Wednesday, February 14, 2001 10:08 AM
Subject: [icomr75] Filters

Hi Rado,
As your configuration of filters in SSB mode?
73?s
Enrique

Yahoo! Groups Sponsor

www.

To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

398. Re: [icomr75] Re: Second response from ICOM

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-14 02:28:13 UTC
From: Radostin Danev
Topic: 367 Message: 398

> --- In icomr75@y..., "Radostin Danev" <rado@n...> wrote:
> > This is what I think - Icom never tests the radios in real world
> situations.
> > Only with test equipment (SSG, scope etc.). They will greatly
> benefit if
> > they hand the radio for beta-test to some users.
>
> Yeah, like to YOU and ME, Rado, right?! Let's tell them! ;-)

Nice idea! I believe Icom will be very excited about it :-)))

Rado

399. Re: [icomr75] Re: Where to get the Rado Sync Mod done?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-14 02:39:10 UTC
From: Radostin Danev
Topic: 389 Message: 399

Hi Jason,

I'm glad you finally got your R75 back. I believe Craig has done a great job.

> So far the most noticeable improvement (remember I only had the 75
> for a few days, brand new, before sending it to Kiwa in January) was
> the substitution of the 15kHz filter with a 3.8kHz LFH2SK-W, the same
> Kiwa uses for the Sangean 909/R.S. DX-398 mod. Well, not really that
> way...READ:

Yes, the filter substitution gives a lot. I constantly use my 4 kHz filter. The 6KHz one is used only for strong stations without "neighbors".

> 1. Took out the 6k filter out and soldered in the 3.8k (450IF)
> 2. In the place of the existing 15k (wide) he put the 6k stock

This was my initial intention when I went changing the filter. But after the bitter experience with de-soldering the 15kHz filter I decided to stop there. Now I have solder-sucking syringe. It makes the life much easier. We learn from our mistakes :-). Actually what Craig has done makes only for more logical filter setup (15 to be the wider).

> Now I have: AM-W: 15 + 6; AM-M: 15 + 4; AM-N: 2.8 + 3.3
> SAM-W: 15 + 6; SAM-M: 15 + 4; SAM-N: 2.8 + 4

Same here but with 2.4 instead of 2.8 in the 9MHz (don't have FL-103 ... should have bought it instead of FL-257).

> For SSB I will use: W: 15 + 3.3; M: 2.8 + 3.3; N: 2.4 + 2.4

Again the same here.

> For AGC use, in the ? hour I 'tested' the R75 this afternoon, I
> noticed that using Fast for looking for signals worked a bit better,
> Normal (Slow?!) when the station has been found and you will listen
> to a program. Every ear is different, that's up to everyone
> personally I guess, most of the time, according to my experience with
> previous communications receivers. I will try both AGC settings more
> with SSB in the upcoming days to see what works better/best for me
> with that mode.

Before the mod there is no much difference between fast/slow AGC in AM/S-AM mode. You should see a big improvement with rapidly oscillating stations. Generally slow AGC is used when listening and fast when tuning.

> So Rado...any questions?! If you get 'technical', I will have to
> refer you to Kiwa, watch out. I'm 'theoretically weak', I just listen

> to shortwave, since the 70s by the way. By way of courtesy I'm
> emailing this comments directly to him in Japan only.

No questions. I'm sure Craig has done a great job. We could not expect him to reveal the full information as this is what he does for a living. There are certainly some additional improvements in the audio chain. Kiwa has audio
mods for many receivers so they have experience with this.
Well, I started about 2 years ago with VHF/UHF monitoring. About a year ago I bought my first SW radio - SONY ICF-SW07. I quickly shifted from VHF/UHF to SW. Shortwave is much more exciting for me.

> I'm very happy with the way my 'new' R75 handles and behaves now and
> so far. By Sunday or Monday I might come back here and say something
> different, check me out!

Waiting for more impressions :-).

> 2. Outer (455k) PBT knob works with 4k filter in S-AM mode, nice!

Outer? The outer in for 9Mhz IF.

Best regards,

Rado

400. Re: [icomr75] Re: Second response from ICOM

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-14 03:09:20 UTC
From: Radostin Danev
Topic: 367 Message: 400

Hi Nick,

I think we should not get angry at Icom. After all they are providing a great receiver at unbeatable price. There are some shortcomings but Icom's main business is transceivers. I don't think they make a lot of profit from R75 - it just completes their product line. No profit - no attention to customer complaints (the engineers are debugging the latest transceiver or developing a new one). If they really want to take over the shortwave receiver market - they can do it very easy. But I think this market is very small compared to the amateur market so they have no interests there. R75 is intended as a backup receiver for the amateurs - it has great SSB. The problem is with the marketing department which puts S-AM as one of the major advantages of R75 in their advertisements. If there was no S-AM at all I think the reviews would have rated R75 even higher (no something which does not work). Check the comments on the Palstar R30 (the price is the same as R75).

I'm grateful to Icom that they provide such radio which only needs some small modifications to make it work as it should. Construction quality, ergonomics etc. - top notch.

I also want to make Icom listen and provide some improvements but as a company (japanese) the profit is at first place for them (they have to survive). I sent my mod info to Icom America about a month ago and was told that it will be forwarded as appropriate.

Icom will react only in the case if a problem with a product like R75 is so bad that it will spoil the whole image of the company. And R75 is not so bad. There are many similar problems in their transceivers but the people still buy them because the plus-es are more than the minus-es.

This is what I think.

Rado

----- Original Message -----
From: "Nick Marsh" <nmar@...>
To: <icomr75@yahoogroups.com>
Sent: Wednesday, February 14, 2001 11:08 AM
Subject: Re: [icomr75] Re: Second response from ICOM

> My turn....
>
>
> Sitting here listening to BBC on 6.175 (or 6175 to the khz purists) and
> have a fair amount of fading. Signal levels are S9 to S9+20. I cannot
> tell any difference between AM and S-AM. Are these signal levels too

> high?
>
> OK, turned off the Preamps, S3 to S7 peaks, occasionally dropping to S1.
> Switching the Sync off and on seems to do nothing. Tuning off freq with
> S-AM on I don't see a "lock" point...
>
> Further, ATT on, no signal on the meter, S-AM blinks, no difference in
> AM or S-AM. I can barely hear BBC even though there is no signal
> indicated on the meter.
>
> So, what exactly does Icom think S-AM mode will do? I wish someone from
> Icom would explain what they think it does and then Rado explain what it
> should do....(to Icom, not us...)
>
> My 2 cents worth...
>
>
> Nick
> WB4SQI
>
> OBTW, I guess my original post about growing up without synchronus AM
> still holds true. If you never had it, maybe you don't know what you are
> missing....
>
> jjga@... wrote:
> >
> > --- In icomr75@y..., "Radostin Danev" <rado@n...> wrote:
> > > This is what I think - Icom never tests the radios in real world
> > situations.
> > > Only with test equipment (SSG, scope etc.). They will greatly
> > benefit if
> > > they hand the radio for beta-test to some users.
> >
> > Yeah, like to YOU and ME, Rado, right?! Let's tell them! ;-)
> >
> >
> > To unsubscribe from this group, send an email to:
> > icomr75-unsubscribe@egroups.com
>
> Yahoo! Groups Sponsor
> www.
>
>
>
>
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>
>

>

401. Re: [icomr75] Re: Second response from ICOM

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-14 13:12:50 UTC
From: Paul Bigelow
Topic: 367 Message: 401

Hello,

According to ICOM, the signal level is supposed to drop to zero for the S-AM to be engaged. Who knows what zero means? Zero as in NO signal (including or excluding background interference?). If they truly believe zero signal, the only way for that to happen would be to disconnect the antenna.

Awaiting response from ICOM R&D...

Best regards,

Paul Bigelow

Nick Marsh <nmar@...> on 02/13/2001 08:08:23 pm

Please respond to icomr75@yahoogroups.com

To: icomr75@yahoogroups.com
cc:
Subject: Re: [icomr75] Re: Second response from ICOM

My turn....

Sitting here listening to BBC on 6.175 (or 6175 to the khz purists) and have a fair amount of fading. Signal levels are S9 to S9+20. I cannot tell any difference between AM and S-AM. Are these signal levels too high?

OK, turned off the Preamps, S3 to S7 peaks, occasionally dropping to S1. Switching the Sync off and on seems to do nothing. Tuning off freq with S-AM on I don't see a "lock" point...

Further, ATT on, no signal on the meter, S-AM blinks, no difference in AM or S-AM. I can barely hear BBC even though there is no signal indicated on the meter.

So, what exactly does Icom think S-AM mode will do? I wish someone from Icom would explain what they think it does and then Rado explain what it should do....(to Icom, not us...)

My 2 cents worth...

Nick
WB4SQI

OBTW, I guess my original post about growing up without synchronus AM still holds true. If you never had it, maybe you don't know what you are missing....

jjga@... wrote:
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> --- In icomr75@y..., "Radostin Danev" <rado@n...> wrote:
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> situations.
> > Only with test equipment (SSG, scope etc.). They will greatly
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icomr75-unsubscribe@egroups.com

402. Re: [icomr75] Re: Where to get the Rado Sync Mod done?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-14 02:15:05 UTC
From: keith
Topic: 389 Message: 402

Sounds very interesting. Glad to hear someone will provide mods for those that don't feel they can (or want to) do it themselves. I've heard great things about Kiwa.

Have you tried using FM yet? I thought that FM needed the 15kHz filter to operate. Am I wrong? To be honest, I havn't used FM much myself, so if it was a tradeoff for better filters, maybe it is a good thing.

I'm a little confused about all of the things that Kiwa modified. When you get a chance, could you itemize them for us?

Have fun,

Keith

On Tue, 13 Feb 2001, you
wrote: > --- In icomr75@y..., "Michael @ Pacbell" <elgringo@p...> wrote:
> > Hi all,
> > I was wondering if anybody knew of a company that would do the mod
> for me.
> > I already talked to Kiwi and they are not doing it yet. I live in
> the San
> > Jose, CA area, but wouldn't mind shipping the radio if necessary.
> > Thanks
> > Michael
>
> To Michael et al:
>
> Craig S. at Kiwa just finished doing his first R75 mods: to my Icom!
> I got it back today, Tuesday Feb. 13, so these are only my very
> first, preliminary impressions after listening to a couple of
> stations and bandscanning for a few minutes. I wanted to share this
> with you all right away. Tonite I will go back and check it out under
> more 'critical' conditions if I have time, for adjacent interference,
> S-AM/AGC performance, filter measurements, etc.
>
> So far the most noticeable improvement (remember I only had the 75
> for a few days, brand new, before sending it to Kiwa in January) was
> the substitution of the 15kHz filter with a 3.8kHz LFH2SK-W, the same
> Kiwa uses for the Sangean 909/R.S. DX-398 mod. Well, not really that
> way...READ:
>
> We (Craig!) did the following to make the filter rotation 'logical':
>
> 1. Took out the 6k filter out and soldered in the 3.8k (450IF)
> 2. In the place of the existing 15k (wide) he put the 6k stock

>
> Now I have: AM-W: 15 + 6; AM-M: 15 + 4; AM-N: 2.8 + 3.3
> SAM-W: 15 + 6; SAM-M: 15 + 4; SAM-N: 2.8 + 4
>
> For SSB I will use: W: 15 + 3.3; M: 2.8 + 3.3; N: 2.4 + 2.4
>
> Notes:
>
> The 3.3 b/w comes from the installed FL-257 (455k IF) filter
> The 2.8 b/w comes from the installed FL-103 (9MHz IF) filter
> The optional 455IF 3.3k CAN'T be used in synchronous AM mode
>
> I can tell already that the 4k (OK, 3.8-3.9!) does a great job, and
> it sounds very well. I should add that an audio modification (whose
> details I don't know, ask Kiwa) was performed. It helps quite a bit
> in all modes and bandwidths tested today. Along with the DSP unit, it
> somewhat improves fidelity I 'feel', in general. I prefer to listen
> more, probably over the next weekend, before saying anything else.
> You all know what the DSP option does, I won't talk about it, no
> change there.
>
> Now...the S-AM actually works! In wide mode, with my filters and
> configuration, it roughly locks 3k up and 3 down; about 2k with the
> intermediate b/w, 1.5k with the narrow. It now 'howls' for, I'd say,
> barely one second, but it seems to hold frequency quite well. I
> really need more time to tell. I tried everything with a weak station
> (RFI on 15300kHz) and a strong religious (?!) on 15390, to contrast
> them.
>
> I don't know if Craig did anything different than what Rado had
> already 'discovered'. I will ask him lately what exact parts he used,
> which values, etc. You would have to ask him if you want to know, I'm
> not to reveal 'everything', I can't. He's been sick for a week, he is
> not feeling too well yet, he barely could talk this afternoon. So I
> didn't want to ask him 'the works'. :-)
>
> He told me to tell you to wait and watch the Kiwa site for news on
> when he will actually be ready to take on more R75s if you would be
> interested in the mods. He doesn't have a price set yet, he's
> backlogged with work, it'll take him a few days, a couple of weeks
> maybe (?!).
>
> For AGC use, in the ? hour I 'tested' the R75 this afternoon, I
> noticed that using Fast for looking for signals worked a bit better,
> Normal (Slow?!) when the station has been found and you will listen
> to a program. Every ear is different, that's up to everyone
> personally I guess, most of the time, according to my experience with
> previous communications receivers. I will try both AGC settings more
> with SSB in the upcoming days to see what works better/best for me
> with that mode.

>
> Craig forgot to check out the attenuation mod, he didn't do it, so
> when I have time to open the unit, if I feel I need it (I don't think
> so, AM listening is only secondary for me), I will handle that
> myself, it's easy. I will first test by temporary short-circuiting
> the two tiny half-moon pads, then bridging them if I like what I
> hear. No hurry whatsoever on that.
>
> Bear with me, I'm very busy and most probably won't be able to reply
> individually if you write directly to me with questions. I would
> prefer that you ask them here in the e-group so everybody benefits
> from the answer(s). I will try to check out the site once a day if I
> can.
>
> So Rado...any questions?! If you get 'technical', I will have to
> refer you to Kiwa, watch out. I'm 'theoretically weak', I just listen
> to shortwave, since the 70s by the way. By way of courtesy I'm
> emailing this comments directly to him in Japan only.
>
> I'm very happy with the way my 'new' R75 handles and behaves now and
> so far. By Sunday or Monday I might come back here and say something
> different, check me out!
>
> Best regards to all in the group
>
> A few last-second additions:
>
> 1. Kiwa doesn't have a price set yet, it'll be posted on the site
> 2. Outer (455k) PBT knob works with 4k filter in S-AM mode, nice!
> 3. Kiwa's site URL: www.kiwa.com
> 4. This is what it shows about 'our' radio there right now:
>
> "ATTENTION Icom R-75 receiver owners!!
>
> Kiwa Electronics will soon have receiver
> upgrade enhancements for the R-75!"
>
>
>
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com

403. Re: [icomr75] how do you use your r75s memories?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-14 14:07:57 UTC
From: keith
Topic: 385 Message: 403

Rado:

Have you tried Fineware's control program for the R75? It lets you set up seperate files each with a different set of frequencies and settings. It's pretty cool. I don't use it much because I run Linux. I have to reboot into Winblows to fire it up.

I don't know of a way to clear memories.

I too use my Palm V with ThinkDB for logging! I picked up one of those fold-up keyboards so I can type data in quickly. It works very well.

Good listening!

Keith

On Tue, 13 Feb 2001, you wrote:
> Hi Jem,
>
> I'm using the memories on my R75 for temporary storage only.
> My DX sessions are like this:
> - GNPB software on my notebook for ILG database.
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> I first clear all memories and then write each catch in a channel. After
> some time I go back to the previous catches to check what's up (if there is
> some improvement in the SINPO).
> Does somebody know a way to clear all memories without resetting the R75
> (and
> losing filter settings etc.)?
>
> Best regards,
>
> Rado
>
>
>
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> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com

404. Re: Where to get the Rado Sync Mod done?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-14 16:29:07 UTC
From: DanJBlack@prodigy.net
Topic: 389 Message: 404

--- In icomr75@y..., keith <khgrant@i...> wrote:
> Sounds very interesting. Glad to hear someone will provide mods for
those that
> don't feel they can (or want to) do it themselves. I've heard great
things
> about Kiwa.
>
> Have you tried using FM yet? I thought that FM needed the 15kHz
filter to
> operate. Am I wrong? To be honest, I havn't used FM much myself, so
if it was a
> tradeoff for better filters, maybe it is a good thing.
>

COMMENT: Depending upon your use of the R75, the 15-KHz filters may be somewhat expendable. They are primarily intended for FM, of course and I DO use my FM quite extensively for 28-54 MHz amateur bands and lo-band FM public frequencies reception. So in my case at least, I am unwilling to sacrifice 15 KHz filter for that reason.

What I would like to do, is substitute the 9Mhz stock 15K filter, with a 4-4.5 KHz one. I am having trouble finding a suitable filter for this stage. I do not want to fool with the nice 455 filter selection I now have (15, 6, 3.3, 2.4). However, the combinations I am limited to for S-AM (which I do not use that much, anyway)would be better served if I could find a 9MHz replacement.

I am an experienced service technician, so I generally perform my own mods. I am interested to find out if Kiwa makes replacements for the 9MHz section, or if anyone here knows another vendor, I'd be interested.

> I'm a little confused about all of the things that Kiwa modified.
When you get
> a chance, could you itemize them for us?
>
> Have fun,
>
> Keith
>
>
> On Tue, 13 Feb 2001, you
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> > A few last-second additions:
> >
> > 1. Kiwa doesn't have a price set yet, it'll be posted on the site
> > 2. Outer (455k) PBT knob works with 4k filter in S-AM mode, nice!
> > 3. Kiwa's site URL: www.kiwa.com

> > 4. This is what it shows about 'our' radio there right now:
> >
> > "ATTENTION Icom R-75 receiver owners!!
> >
> > Kiwa Electronics will soon have receiver
> > upgrade enhancements for the R-75!"
> >
> >
> >
> >
> >
> > To unsubscribe from this group, send an email to:
> > icomr75-unsubscribe@egroups.com

405. Re: [icomr75] Re: Second response from ICOM

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-14 22:04:50 UTC
From: Nick Marsh
Topic: 367 Message: 405

Paul Bigelow wrote:
>
> Hello,
>
> According to ICOM, the signal level is supposed to drop to zero for the
> S-AM to be engaged. Who knows what zero means? Zero as in NO
> signal (including or excluding background interference?). If they truly
> believe zero signal, the only way for that to happen would be to
> disconnect the antenna.

Well Paul and other R75er's,

I had BBC at zero signal level last night and there was no difference between AM and S-AM. I could hear BBC, although not well. Having S-AM on did nothing for the receive, that my humble ears could discern.

Again, I ask the question: Exactly what is the S-AM "supposed" to accomplish?

Nick
WB4SQI

406. Re: [icomr75] Re: Second response from ICOM

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-14 22:20:01 UTC
From: Nick Marsh
Topic: 367 Message: 406

Radostin Danev wrote:
>
> Hi Nick,
>
> I think we should not get angry at Icom.

Rado,

Please don't get me wrong, I am not angry at Icom, they have manufactured a great product in the R-75.

I just wish they would explain exactly what they believe the S-AM mode does on this receiver. In an unmodified condition, I can't find that it does anything.

However, just because it doesn't do anything for me is certainly not enough reason to get rid of the receiver. the R75 has caused me to look at the Icom 718 transceiver, which looks identical to the R75 except for having a transmitter.

I like the package, the features, and the price ($ under 700? here). It is a good looking radio, and if it works as well as the R75 does then I may own one in the future.

Having started life with Collins (in the US Air Force) and living with Heathkit, then Kenwood equipment later on I can appreciate the aspects of owning the R75. I find it more pleasant to listen to than my R5000. Now, if I could only get Grundig sound from my R75, what a nice radio it would be then.

OBTW, sync AM in the Grundig Sat 700 works only fair, but the superior Grundig audio makes up for other shortcomings.

again, my 2 cents worth.

Nick
WB4SQI

407. Re: Where to get the Rado Sync Mod done?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-14 23:22:31 UTC
From: DanJBlack@prodigy.net
Topic: 389 Message: 407

--- In icomr75@y..., "Radostin Danev" <rado@n...> wrote:
> Hi Jason,
>
> I'm glad you finally got your R75 back. I believe Craig has done a great
> job.
>
> > So far the most noticeable improvement (remember I only had the 75
> > for a few days, brand new, before sending it to Kiwa in January) was
> > the substitution of the 15kHz filter with a 3.8kHz LFH2SK-W, the same
> > Kiwa uses for the Sangean 909/R.S. DX-398 mod. Well, not really that
> > way...READ:
>
> Yes, the filter substitution gives a lot. I constantly use my 4 kHz filter.
> The 6KHz one is used only for strong stations without "neighbors".
>
>
> > 1. Took out the 6k filter out and soldered in the 3.8k (450IF)
> > 2. In the place of the existing 15k (wide) he put the 6k stock

RE: WHY? It seems unnecessary to unsolder twice and resolder twice. Why not simply replace the 15K directly with the new one? Saves stress and heat shock on the 6K, to boot!
>
> This was my initial intention when I went changing the filter. But after the
> bitter experience with de-soldering the 15kHz filter I decided to stop
> there. Now I have solder-sucking syringe. It makes the life much
> easier. We learn from our mistakes.
RE: A favorite of mine is a wonderful product called desoldering braid. It is (or was) marketed under trade names like Soldr-Wick, Wick-Up, etc. I have found it best for most desoldering on PC boards, as it leaves the node and component lead spotless-clean.

> > Now I have: AM-W: 15 + 6; AM-M: 15 + 4; AM-N: 2.8 + 3.3
RE: Looks good, except that AM narrow is almost "too" narrow, and renders the 3.3K filter useless (remember, the NARROWER filter is what determines the bandwidth, just as the weakest link determines the strength of the whole chain).

> > SAM-W: 15 + 6; SAM-M: 15 + 4; SAM-N: 2.8 + 4
RE: A somewhat better result, but still leaves the narrow "too"
narrow. It is, unfortunately, unavoidable though.

> > For SSB I will use: W: 15 + 3.3; M: 2.8 + 3.3; N: 2.4 + 2.4
RE: Here is a good combination. Nice balance of bandwidths especially
for ECSS tuning. I find the combination of W: 15/3.3, M: 2.4/2.4,
and N: 1.9/2.4 more useful for my own needs. This is because, unlike
many users in this group, I use my R75 about 70% of the time for SSB
communications. The 1.9K filter is exceptionally good for crowded
amateur radio bands, where separations are on the order of 2KHz apart
(or less).

> > For AGC use, in the ½ hour I 'tested' the R75 this afternoon, I
> > noticed that using Fast for looking for signals worked a bit
better,
> > Normal (Slow?!) when the station has been found and you will
listen
> > to a program. Every ear is different, that's up to everyone
> > personally I guess, most of the time, according to my experience
with
> > previous communications receivers. I will try both AGC settings
more
> > with SSB in the upcoming days to see what works better/best for me
> > with that mode.
RE: I can reliably predict that slow AGC will be more to your liking
on SSB. Really cuts the "chugging" down and increases the
effectiveness of the ANF feature.

> Before the mod there is no much difference between fast/slow AGC in
AM/S-AM
> mode. You should see a big improvement with rapidly oscillating
stations.
> Generally slow AGC is used when listening and fast when tuning.
>
> > So Rado...any questions?! If you get 'technical', I will have to
> > refer you to Kiwa, watch out. I'm 'theoretically weak', I just
listen
> > to shortwave, since the 70s by the way. By way of courtesy I'm
> > emailing this comments directly to him in Japan only.
>
> No questions. I'm sure Craig has done a great job. We could not
expect him
> to reveal the full information as this is what he does for a
living. There
> are certainly some additional improvements in the audio chain. Kiwa
has
> audio
> mods for many receivers so they have experience with this.
> Well, I started about 2 years ago with VHF/UHF monitoring. About a
year ago
> I bought my first SW radio - SONY ICF-SW07. I quickly shifted from

VHF/UHF
> to SW. Shortwave is much more exciting for me.
>
> > I'm very happy with the way my 'new' R75 handles and behaves now
and
> > so far. By Sunday or Monday I might come back here and say
something
> > different, check me out!
>
> Waiting for more impressions :-).
>
> > 2. Outer (455k) PBT knob works with 4k filter in S-AM mode, nice!
>
> Outer? The outer is for 9Mhz IF.
>
> Best regards,
>
> Rado

408. Re: [icomr75] Re: Where to get the Rado Sync Mod done?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-15 00:47:06 UTC
From: Radostin Danev
Topic: 389 Message: 408

Hi Keith,

> Have you tried using FM yet? I thought that FM needed the 15kHz filter to
> operate. Am I wrong? To be honest, I havn't used FM much myself, so if it
was a
> tradeoff for better filters, maybe it is a good thing.

FM is working well with the 6 kHz filter. I don't believe somebody is
actually using 15 kHz wide FM modulation on their transceivers.

Best regards,

Rado

409. Is there Icom's Serial Port a...

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-15 04:26:28 UTC
From: Derrik Walker v2.0
Topic: 409 Message: 409

DTE, or DCE?

Has anyone tried to use the specification in the manual to right a control program?

Since I tend to like UNIX workstations, I'm thinking about writing one for my Sparc.

Thanks.

-Derrik

mailto:firebug@...
http://junior.apk.net/~firebug

BASIC is the Computer Science equivalent of `Scientific Creationism'.

410. Re: Where to get the Rado Sync Mod done? TO ALL WHO ASKED

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-15 07:30:12 UTC
From: jjga@usa.net
Topic: 389 Message: 410

From: Nick Marsh <nmar@e...>
Date: Tue Feb 13, 2001 6:15pm
Subject: Re: [icomr75] Re: Where to get the Rado Sync Mod done?

to jjga@u... and others,,,,

> > Kiwa just finished doing his first R75 mods: to my Icom!

> Be sure to keep us posted on your comments.

Sure, as my little free time allows.

> I am assuming you had previously installed Icom filters?

Correct

> And Craig has added one of the Kiwa filters (4K?)

Yes, an LFH2SK-W, same size as stock.

> Nick
> WB4SQI

> > > 1. Took out the 6k filter out and soldered in the 3.8k (450IF)
> > > 2. In the place of the existing 15k (wide) he put the 6k stock
>
> RE: WHY? It seems unnecessary to unsolder twice and resolder
twice.
> Why not simply replace the 15K directly with the new one? Saves
> stress and heat shock on the 6K, to boot!

I'm picky. I wanted the 6 in the Wide position (ex-15), the 4 in the
intermediate (ex-6), then leave well alone the 2.4 in the narrow. My
call. Craig handled it well. Hope the 6k filter can too!

> > > Now I have: AM-W: 15 + 6; AM-M: 15 + 4; AM-N: 2.8 + 3.3
> RE: Looks good, except that AM narrow is almost "too" narrow, and
> renders the 3.3K filter useless (remember, the NARROWER filter is
> what determines the bandwidth, just as the weakest link determines
> the strength of the whole chain).

Thanks, Dan. I know the 2.8/3.3 is TOO narrow. I went back to the R75
and tested 15/3.3 instead. It's quite close to the 15/3.9 in there,
but you're right, it's more USEABLE. I think I will leave like that.
Switching the frontal 15k (9MHz) off doesn't do anything, so...
>
> > > SAM-W: 15 + 6; SAM-M: 15 + 4; SAM-N: 2.8 + 4
> RE: A somewhat better result, but still leaves the narrow "too"

> narrow. It is, unfortunately, unavoidable though.

That's perfectly right, choices stop there!
>
> > > For SSB I will use: W: 15 + 3.3; M: 2.8 + 3.3; N: 2.4 + 2.4
> RE: Here is a good combination. Nice balance of bandwidths
especially
> for ECSS tuning.

That's what I want it for MAINLY. Personal needs, I guess. I'm much
more a SWLer than a utilities listener. Hence my decision.

> I find the combination of W: 15/3.3, M: 2.4/2.4,
> and N: 1.9/2.4 more useful for my own needs. This is because,
unlike
> many users in this group, I use my R75 about 70% of the time for
SSB
> communications. The 1.9K filter is exceptionally good for crowded
> amateur radio bands, where separations are on the order of 2KHz
apart
> (or less).

To be exact, I had the FL-223 (1.9/9MHz) ordered from Universal
first, then I'm happy Gert Nilsson made me change my mind. I feel
fine with the FL-103 (2.8/9MHz).

>
> I will try both AGC settings
> more
> > > with SSB in the upcoming days to see what works better/best for
me
> > > with that mode.

> RE: I can reliably predict that slow AGC will be more to your
liking
> on SSB. Really cuts the "chugging" down and increases the
> effectiveness of the ANF feature.

I believe you. I will most likely do that.

From: DanJBlack@p...
Date: Wed Feb 14, 2001 8:29am
Subject: Re: Where to get the Rado Sync Mod done

> Have you tried using FM yet? I thought that FM needed the 15kHz
filter to
> operate. Am I wrong? To be honest, I havn't used FM much myself, so
if it was a
> tradeoff for better filters, maybe it is a good thing.

I was just listening to.....somebody.....on 44.48 a few minutes ago.
The 6 it's 'wide enough', barely I would add. Again, my PRIORITY, 95%
why I bought the R75, is program listening. FM is only secondary to

me. But the answer is, yes, it still works, seriously. I noticed the DSP --both functions-- helped quite a bit 'clarify' reception, great!

> COMMENT: Depending upon your use of the R75, the 15-KHz filters
> maybe somewhat expendable. They are primarily intended for FM,
> of course and I DO use my FM quite extensively for 28-54 MHz
> amateur bands and lo-band FM public frequencies reception.
> So in my case atleast, I am unwilling to sacrifice 15 KHz filter
> for that reason.

And I see and respect that too. Everyone to his thing or aspect of the hobby. Fair and democratic.

What I would like to do, is substitute the 9Mhz stock 15K filter, with a 4-4.5 KHz one. I am having trouble finding a suitable filter for this stage. I do not want to fool with the nice 455 filter selection I now have (15, 6, 3.3, 2.4). However, the combinations I am limited to for S-AM (which I do not use that much, anyway)would be better served if I could find a 9MHz replacement.

I see your point. Good luck finding that replacement. It should 'exist'.

As to the AM bandwidths available, I'm VERY happy with mine now:

6, 4, 3.3 & 2.4

> I'm a little confused about all of the things that Kiwa modified.
> When you get a chance, could you itemize them for us?

Craig S. didn't send down the technical details, and I already stated here I'm not, like some of you, and copying Danny's expression, "an experienced service technician".

Itemizing, Kiwa...

changed the filter(s)
did the AGC/S-AM mods
performed a simple audio enhancement (?!) [call Kiwa]
forgot to check/do the MW band 'less' attenuation mod
had my radio for almost a month
charged me for filter, parts, shipping mostly
didn't charge me for service, my 75 was the 'guinea-pig'

Did I miss something, Craig?!

That's all what I know or can tell you.

On the other hand, I won't say: Call him! Nor the opposite. Up to you.

Thanks, gang.

J a s o n

411. Old trick - sligthly detuning from frequency

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-15 08:33:31 UTC
From: jjga@usa.net
Topic: 411 Message: 411

As I did so many times before with my IC-R72 (recently sold), sometimes when I'm listening to world band radio programs, instead of switching to SSB to ECSS, I use the narrower filters and sligthtly detune from the center frequency (remember, in AM mode you get both the sideband plus the carrier) to neatly improve the audio frequency/fidelity. TRY IT if you haven't done it, you'll hear the 'nice' difference.

With the FL-257 what works best for me is between 500-750Hz to either side. Check it out and tell me if you agree.

With the new 4k, I feel confortable going up to a full kilohertz either up or down the 'real' frequency. You won't be able to see that...yet, unless you install this filter. Rado should be able to tell with his CFWS450IT.

Switching to S-AM adds proportion, depth, better sound yet. I'm not making this up, it's real, I can hear it. And I mean with the FL-257 itself, besides the 4k one. Rado, please, yes or no?! Our super-optional filters are different, but not by that much, pal.

Dedicated utility listeners might detract from this relatively cumbersome (but effective!) AM reception technique. When things get tough around the bands, using a narrower filter and detuning away from any potential present interference also makes wonders. Even without interference or natural or man-made noises, just for the enhancement of the signal quality, it's worth it sometimes.

Now go try it if you have the 3.3k and see (hear!) for yourself! ;-)

I'm a teacher and I'm off work and gone from Friday to late Monday (President's birthdays!). I will check back here for any comments and questions on this or the Kiwa mods on Tuesday afternoon, after work, most likely.

Best regards and reception to all,

J a s o n

412. Re: [icomr75] Re: Second response from ICOM

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-15 12:20:23 UTC
From: k1ygg@aol.com
Topic: 367 Message: 412

I agree with you Nick that the R5000 is very pleasant to listen to especially with a good filter setup. The TS430 was also just as good sounding. Jim

[Non-text portions of this message have been removed]

413. Re: [icomr75] Re: Second response from ICOM

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-15 15:07:11 UTC
From: Paul Bigelow
Topic: 367 Message: 413

Hello,

This is what I have been trying to do:
1. Approach ICOM with issue
2. ICOM states their position as to how the S-AM is supposed to operate
3. Verify ICOM's claim and review the owner's manual.

In my previous updates, the ALL CAPS responses are ICOM's support
own works.

If S-AM works as claimed then ICOM is not at fault and we may be on
our own.

If the S-AM does not work as ICOM claims or how the documentation
states how it is supposed to work AND WE CAN PROVE IT, then we have
a very powerful case to present to ICOM.

That way they cannot claim we do not know what we are talking about
or that the radio is "entry level" or S-AM is to work for a narrowly
defined
set of parameters, etc.

Instead, we can claim that is is not working as documented or
as ICOM support claims. ICOM would have to respond at that point.
Perhaps if multiple owners sent one email signed by all then
it might then have some weight.

The trick here is to give ICOM's first line of defense (e-mail and
telephone) a chance to resolve the issue. That's what they're
paid to do. If they are unable to resolve the issue or seem
unwilling to cooperate, it is time to escalate to advanced support
or their management.

Best regards,

Paul Bigelow

Nick Marsh <nmar@...> on 02/14/2001 04:20:01 pm

Please respond to icomr75@yahoogroups.com

To: icomr75@yahoogroups.com, Radostin Danev <rado@...>
cc:
Subject: Re: [icomr75] Re: Second response from ICOM

Radostin Danev wrote:
>
> Hi Nick,

>
> I think we should not get angry at Icom.

Rado,

Please don't get me wrong, I am not angry at Icom, they have manufactured a great product in the R-75.

I just wish they would explain exactly what they believe the S-AM mode does on this receiver. In an unmodified condition, I can't find that it does anything.

However, just because it doesn't do anything for me is certainly not enough reason to get rid of the receiver. the R75 has caused me to look at the Icom 718 transceiver, which looks identical to the R75 except for having a transmitter.

I like the package, the features, and the price ($ under 700? here). It is a good looking radio, and if it works as well as the R75 does then I may own one in the future.

Having started life with Collins (in the US Air Force) and living with Heathkit, then Kenwood equipment later on I can appreciate the aspects of owning the R75. I find it more pleasant to listen to than my R5000. Now, if I could only get Grundig sound from my R75, what a nice radio it would be then.

OBTW, sync AM in the Grundig Sat 700 works only fair, but the superior Grundig audio makes up for other shortcomings.

again, my 2 cents worth.

Nick
WB4SQI

To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

414. R-75 alignment

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-15 16:06:50 UTC
From: Paul Bigelow
Topic: 414 Message: 414

Hello,

Has anyone checked their ICOM R-75 against the alignment instrucitons?
If so, then was the R-75 aligned properly?

Best regards,

Paul Bigelow

415. Re: [icomr75] Is there Icom's Serial Port a...

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-15 16:58:31 UTC
From: Scott Robson
Topic: 409 Message: 415

Hi Derrick and all....

Before christmas I emailed the group regarding getting a homebrew programme up and running. Some interest was expressed and basically it was decided that a linux version would be written. I was going to spearhead the activity. I couldn't start until Mid-January and now I'm in the middle of 2 computers, both in pieces. When I finally get one together with linux functioning on it I was planning to start work on it again.

I did some initial work and discovered that the numbers being sent back and forth from the unit didn't match those in the manual, but the basic format was right. I have not been able to "control" the unit from a linux environment as yet. Probably I haven't figured out all the finer details yet, but given time I'm sure it is doable. As I said, I have stopped the work because I'm redesigning my hardware (my girlfriend want's a computer so I'm building her one... big mistake) Anyway, soon I hope to get back to it.

I'd be happy to read any ideas you have. I had plans for designing a GUI in GTK (I can do basic programming in GTK) but have little experience with SUN/Solaris/Sparc type programming. Probably the most important thing would be to get a command line program up and running first anyway. Email me back and we can discuss it, and if anyone else on the list is interested, email me too.

Scott

"Derrik Walker v2.0" wrote:

> DTE, or DCE?
>
> Has anyone tried to use the specification in the manual to right a control
> program?
>
> Since I tend to like UNIX workstations, I'm thinking about writing one for
> my Sparc.
>
> Thanks.
>
> -Derrik
>
> mailto:firebug@...
> http://junior.apk.net/~firebug
> ------------------------------
> BASIC is the Computer Science equivalent of `Scientific Creationism'.
>
>

> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com

--

_____
Scott Robson (PhD Student)
Department of Biochemistry
UConn Health Centre
263 Farmington Avenue
Farmington, Connecticut 06032-3305 USA
_____

416. Decisions

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-15 19:20:08 UTC
From: Mike Brown
Topic: 416 Message: 416

Hi, I am new to the group but have been monitoring its contents for a week or so.
I am about to buy my first 'serious' short wave receiver, and have narrowed my choice down to two, namely the R75 and the AOR7030.
At present I am 70-30 in favour of the Icom, so if I buy one - is there anything specific I should look for?
For information, I live in the UK (West Yorkshire, aka ee-bah-gum land)so would anyone care to recommend a reputable outlet?
Thanks,
Mike Brown

417. Re: R-75 alignment

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-15 19:30:44 UTC
From: DanJBlack@prodigy.net
Topic: 414 Message: 417

--- In icomr75@y..., "Paul Bigelow" <pbigelow@u...> wrote:
> Hello,
>
> Has anyone checked their ICOM R-75 against the alignment instrucitons?
> If so, then was the R-75 aligned properly?
>
> Best regards,
>
> Paul Bigelow

RE: Yes on both counts. My R75 has a 20-Hz detuning from dead-cold start, which disappears after about 20 minutes. This remains rock stable from then on, for many hours' use. 20 Hz out of sixty million Hz is among the best I have ever seen, and better than much of the test equipment I have worked with. I still recall the days when the other techs and I would arrive for work around 7:30 am, go to our benches and switch-on the equipment, then sit for about a half-hour with our coffee until the store opened at 8.

Usually by 8:15, the calibrated gear would be "zeroed", and the uncalibrated gear would be checked against our standard. The R75 warms up to zero in less time than that process took, and it lacks a TCXO! This is why I do not recommend the expensive TCXO for most uses of the R75 (unless you are using it outdoors, etc.).

418. Re: Where to get the Rado Sync Mod done? TO ALL WHO ASKED

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-15 20:00:37 UTC
From: DanJBlack@prodigy.net
Topic: 389 Message: 418

```
--- In icomr75@y..., jjga@u... wrote:
> From: Nick Marsh <nmar@e...>
> Date: Tue Feb 13, 2001 6:15pm
> Subject: Re: [icomr75] Re: Where to get the Rado Sync Mod done?
>
>
> to jjga@u... and others,,,,
>
> > > Kiwa just finished doing his first R75 mods: to my Icom!
>
> > Be sure to keep us posted on your comments.
>
> Sure, as my little free time allows.
>
> > I am assuming you had previously installed Icom filters?
>
> Correct
>
> > And Craig has added one of the Kiwa filters (4K?)
>
> Yes, an LFH2SK-W, same size as stock.
>
> > Nick
> > WB4SQI
>
> > > > 1. Took out the 6k filter out and soldered in the 3.8k (450IF)
> > > > 2. In the place of the existing 15k (wide) he put the 6k stock
> >
> > RE: WHY? It seems unnecessary to unsolder twice and resolder
> twice.
> > Why not simply replace the 15K directly with the new one? Saves
> > stress and heat shock on the 6K, to boot!
>
> I'm picky. I wanted the 6 in the Wide position (ex-15), the 4 in
the
> intermediate (ex-6), then leave well alone the 2.4 in the narrow.
My
> call.

FROM DANNY 02/15/01: It should make no difference! YOU choose the
filter by rolling the tuning knob...the R75 doesn't "care" what
position the filter is in, as long as it's not in the "Opt" slot.
YOU decide W/Nor/Nar from the selected option menu, in which you can
select anything, in any order except the S-AM. So it should not
matter, other than doing twice the work. That was my only reason for
```

asking.
>
> > > > Now I have: AM-W: 15 + 6; AM-M: 15 + 4; AM-N: 2.8 + 3.3
> > RE: Looks good, except that AM narrow is almost "too" narrow, and
> > renders the 3.3K filter useless (remember, the NARROWER filter is
> > what determines the bandwidth, just as the weakest link
determines
> > the strength of the whole chain).
>
> Thanks, Dan. I know the 2.8/3.3 is TOO narrow. I went back to the
R75
> and tested 15/3.3 instead. It's quite close to the 15/3.9 in there,
> but you're right, it's more USEABLE. I think I will leave like
that.
> Switching the frontal 15k (9MHz) off doesn't do anything, so...

RE: Danny 02/15/01
Selecting the 9MHz filter to "off" will defeat the 455MHz filters in
some modes. I think this is silly, just as I think it was silly to
put two 15K and two 2.4K stock filters in the R75, to begin with. I
explained the apparent lack of consideration from an engineering
standpoint, to the Icom representative yesterday, of duplicating both
I-F stages with the same filter bandwidths. The immediate response
to this, was that ICOM has NO other sources for these stock filters.
This is also why I could not replace the 15K in the 9MHz section,
which would solve ALL the problems, without resorting to a Kiwa
powered filter that does not match exactly. I disagree, I think they
could have found SOMEONE, (lol)...
> >
> > > > SAM-W: 15 + 6; SAM-M: 15 + 4; SAM-N: 2.8 + 4
> > RE: A somewhat better result, but still leaves the narrow "too"
> > narrow. It is, unfortunately, unavoidable though.
>
> That's perfectly right, choices stop there!
> >
> > > > For SSB I will use: W: 15 + 3.3; M: 2.8 + 3.3; N: 2.4 + 2.4
> > RE: Here is a good combination. Nice balance of bandwidths
> especially
> > for ECSS tuning.
>
> That's what I want it for MAINLY. Personal needs, I guess. I'm much
> more a SWLer than a utilities listener. Hence my decision.
>
> > I find the combination of W: 15/3.3, M: 2.4/2.4,
> > and N: 1.9/2.4 more useful for my own needs. This is because,
> unlike
> > many users in this group, I use my R75 about 70% of the time for
> SSB
> > communications. The 1.9K filter is exceptionally good for
crowded

> > amateur radio bands, where separations are on the order of 2KHz
> apart
> > (or less).
>
> To be exact, I had the FL-223 (1.9/9MHz) ordered from Universal
> first, then I'm happy Gert Nilsson made me change my mind. I feel
> fine with the FL-103 (2.8/9MHz).
>
> >
> > I will try both AGC settings
> > more
> > > > with SSB in the upcoming days to see what works better/best
for
> me
> > > > with that mode.
>
> > RE: I can reliably predict that slow AGC will be more to your
> liking
> > on SSB. Really cuts the "chugging" down and increases the
> > effectiveness of the ANF feature.
>
> I believe you. I will most likely do that.
>
> From: DanJBlack@p...
> Date: Wed Feb 14, 2001 8:29am
> Subject: Re: Where to get the Rado Sync Mod done
>
> > Have you tried using FM yet? I thought that FM needed the 15kHz
> filter to
> > operate. Am I wrong? To be honest, I havn't used FM much myself,
so
> if it was a
> > tradeoff for better filters, maybe it is a good thing.
>
> I was just listening to.....somebody.....on 44.48 a few minutes
ago.
> The 6 it's 'wide enough', barely I would add. Again, my PRIORITY,
95%
> why I bought the R75, is program listening. FM is only secondary to
> me. But the answer is, yes, it still works, seriously. I noticed
the
> DSP --both functions-- helped quite a bit 'clarify' reception,
great!
>
> > COMMENT: Depending upon your use of the R75, the 15-KHz filters
> > maybe somewhat expendable. They are primarily intended for FM,
> > of course and I DO use my FM quite extensively for 28-54 MHz
> > amateur bands and lo-band FM public frequencies reception.
> > So in my case atleast, I am unwilling to sacrifice 15 KHz filter
> > for that reason.

>
> And I see and respect that too. Everyone to his thing or aspect of
> the hobby. Fair and democratic.
>
> What I would like to do, is substitute the 9Mhz stock 15K filter,
> with a 4-4.5 KHz one. I am having trouble finding a suitable
filter
> for this stage. I do not want to fool with the nice 455 filter
> selection I now have (15, 6, 3.3, 2.4). However, the combinations
I
> am limited to for S-AM (which I do not use that much, anyway)would
be
> better served if I could find a 9MHz replacement.
>
> I see your point. Good luck finding that replacement. It
> should 'exist'.
>
> As to the AM bandwidths available, I'm VERY happy with mine now:
>
> 6, 4, 3.3 & 2.4
>
> > I'm a little confused about all of the things that Kiwa modified.
> > When you get a chance, could you itemize them for us?
>
> Craig S. didn't send down the technical details, and I already
stated
> here I'm not, like some of you, and copying Danny's expression, "an
> experienced service technician".
>
> Itemizing, Kiwa...
>
> changed the filter(s)
> did the AGC/S-AM mods
> performed a simple audio enhancement (?!) [call Kiwa]
> forgot to check/do the MW band 'less' attenuation mod
> had my radio for almost a month
> charged me for filter, parts, shipping mostly
> didn't charge me for service, my 75 was the 'guinea-pig'
>
> Did I miss something, Craig?!
>
> That's all what I know or can tell you.
>
> On the other hand, I won't say: Call him! Nor the opposite. Up to
you.
>
> Thanks, gang.
>
> J a s o n

419. Re: Decisions

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-15 20:27:23 UTC
From: DanJBlack@prodigy.net
Topic: 416 Message: 419

--- In icomr75@y..., "Mike Brown" <michaelalan.brown@v...> wrote:
> Hi, I am new to the group but have been monitoring its contents for
a week
> or so.
> I am about to buy my first 'serious' short wave receiver, and have
narrowed
> my choice down to two, namely the R75 and the AOR7030.
> At present I am 70-30 in favour of the Icom, so if I buy one - is
there
> anything specific I should look for?
> For information, I live in the UK (West Yorkshire, aka ee-bah-gum
land)so
> would anyone care to recommend a reputable outlet?
> Thanks,
> Mike Brown

RE: Be sure you ask about the 7030 in its Plus (+) version, if you decide that way (benefits to doing this)! Also, the AR-7030 is in a slightly different league than the R75. It is generally held to a higher place in the food chain, and its price reflects this. It has excellent specifications, a tunable notch filter, and synchronous detection that allows either sideband or BOTH sidebands to be used. At least one major publication's review gives the 7030 bad marks for its difficult logic/operating menu. It is also said to suffer from some phase noise and lacks (like many receivers) a decent 4KHz filter, although one is available as a user-added option.

At about 100-300 pounds greater cost than the R75, it should have more going for it than the Icom, at least on paper.

420. Auf Wiedersehen!

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-15 20:45:46 UTC
From: DanJBlack@prodigy.net
Topic: 420 Message: 420

Well, I think I have about run out of ideas, comments and viewpoints to post to the group. I came into this e-group already a huge fan of the R75, then picked up some very useful and enriching information to make me appreciate the R75 even more. What else is there for me here?

With the many technical "missions" accomplished by the group, the successful bell-ringing of ICOM technicians, the introduction of an apparent solution to the AM sync and filter option issues and the general enlightenment of all who have come to understand (or be confused by) the many great postings to the group, it is time to move on for me.

I hope you all grow into, and enjoy, the monitoring hobby with your prized R75 receivers, using all the capabilities it has at your disposal.

It has been my pleasure to meet many of you, and thanks for the e-mails and ideas you have given to the group. I hope you all enjoy your receivers as much as I have, and will continue to for many years.

I will continue to drop by the site from time to time, but I am ending my active participation on a regular basis, as of tomorrow.

73 to all!

Danny

421. Re: [icomr75] Re: Where to get the Rado Sync Mod done? TO ALL WHO ASKED

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-15 21:48:44 UTC
From: lLori Jackson
Topic: 389 Message: 421

dan-try 30.450mhz fm and listen to ft. hood texas all day and night. this
freq is
for the gunnery and artillery division-live action!!!!
joe jackson

----- Original Message -----
From: <DanJBlack@...>
To: <icomr75@yahoogroups.com>
Sent: Thursday, February 15, 2001 12:00 PM
Subject: [icomr75] Re: Where to get the Rado Sync Mod done? TO ALL WHO ASKED

> --- In icomr75@y..., jjga@u... wrote:
> > From: Nick Marsh <nmar@e...>
> > Date: Tue Feb 13, 2001 6:15pm
> > Subject: Re: [icomr75] Re: Where to get the Rado Sync Mod done?
> >
> >
> > to jjga@u... and others,,,,
> >
> > > > Kiwa just finished doing his first R75 mods: to my Icom!
> >
> > > Be sure to keep us posted on your comments.
> >
> > Sure, as my little free time allows.
> >
> > > I am assuming you had previously installed Icom filters?
> >
> > Correct
> >
> > > And Craig has added one of the Kiwa filters (4K?)
> >
> > Yes, an LFH2SK-W, same size as stock.
> >
> > > Nick
> > > WB4SQI
> >
> > > > > 1. Took out the 6k filter out and soldered in the 3.8k (450IF)
> > > > > 2. In the place of the existing 15k (wide) he put the 6k stock
> > >
> > > RE: WHY? It seems unnecessary to unsolder twice and resolder
> > twice.
> > > Why not simply replace the 15K directly with the new one? Saves
> > > stress and heat shock on the 6K, to boot!
> >

> > I'm picky. I wanted the 6 in the Wide position (ex-15), the 4 in
> the
> > intermediate (ex-6), then leave well alone the 2.4 in the narrow.
> My
> > call.
>
> FROM DANNY 02/15/01: It should make no difference! YOU choose the
> filter by rolling the tuning knob...the R75 doesn't "care" what
> position the filter is in, as long as it's not in the "Opt" slot.
> YOU decide W/Nor/Nar from the selected option menu, in which you can
> select anything, in any order except the S-AM. So it should not
> matter, other than doing twice the work. That was my only reason for
> asking.
> >
> > > > > Now I have: AM-W: 15 + 6; AM-M: 15 + 4; AM-N: 2.8 + 3.3
> > > RE: Looks good, except that AM narrow is almost "too" narrow, and
> > > renders the 3.3K filter useless (remember, the NARROWER filter is
> > > what determines the bandwidth, just as the weakest link
> determines
> > > the strength of the whole chain).
> >
> > Thanks, Dan. I know the 2.8/3.3 is TOO narrow. I went back to the
> R75
> > and tested 15/3.3 instead. It's quite close to the 15/3.9 in there,
> > but you're right, it's more USEABLE. I think I will leave like
> that.
> > Switching the frontal 15k (9MHz) off doesn't do anything, so...
>
> RE: Danny 02/15/01
> Selecting the 9MHz filter to "off" will defeat the 455MHz filters in
> some modes. I think this is silly, just as I think it was silly to
> put two 15K and two 2.4K stock filters in the R75, to begin with. I
> explained the apparent lack of consideration from an engineering
> standpoint, to the Icom representative yesterday, of duplicating both
> I-F stages with the same filter bandwidths. The immediate response
> to this, was that ICOM has NO other sources for these stock filters.
> This is also why I could not replace the 15K in the 9MHz section,
> which would solve ALL the problems, without resorting to a Kiwa
> powered filter that does not match exactly. I disagree, I think they
> could have found SOMEONE, (lol)...
> > >
> > > > > SAM-W: 15 + 6; SAM-M: 15 + 4; SAM-N: 2.8 + 4
> > > RE: A somewhat better result, but still leaves the narrow "too"
> > > narrow. It is, unfortunately, unavoidable though.
> >
> > That's perfectly right, choices stop there!
> > >
> > > > > > For SSB I will use: W: 15 + 3.3; M: 2.8 + 3.3; N: 2.4 + 2.4
> > > RE: Here is a good combination. Nice balance of bandwidths
> > especially

> > > for ECSS tuning.
> >
> > That's what I want it for MAINLY. Personal needs, I guess. I'm much
> > more a SWLer than a utilities listener. Hence my decision.
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> > > I find the combination of W: 15/3.3, M: 2.4/2.4,
> > > and N: 1.9/2.4 more useful for my own needs. This is because,
> > unlike
> > > many users in this group, I use my R75 about 70% of the time for
> > SSB
> > > communications. The 1.9K filter is exceptionally good for
> crowded
> > > amateur radio bands, where separations are on the order of 2KHz
> > apart
> > > (or less).
> >
> > To be exact, I had the FL-223 (1.9/9MHz) ordered from Universal
> > first, then I'm happy Gert Nilsson made me change my mind. I feel
> > fine with the FL-103 (2.8/9MHz).
> >
> > >
> > > I will try both AGC settings
> > > more
> > > > > with SSB in the upcoming days to see what works better/best
> for
> > me
> > > > > > with that mode.
> >
> > > RE: I can reliably predict that slow AGC will be more to your
> > liking
> > > on SSB. Really cuts the "chugging" down and increases the
> > > effectiveness of the ANF feature.
> >
> > I believe you. I will most likely do that.
> >
> > From: DanJBlack@p...
> > Date: Wed Feb 14, 2001 8:29am
> > Subject: Re: Where to get the Rado Sync Mod done
> >
> > > Have you tried using FM yet? I thought that FM needed the 15kHz
> > filter to
> > > operate. Am I wrong? To be honest, I havn't used FM much myself,
> so
> > if it was a
> > > tradeoff for better filters, maybe it is a good thing.
> >
> > I was just listening to.....somebody.....on 44.48 a few minutes
> ago.
> > The 6 it's 'wide enough', barely I would add. Again, my PRIORITY,
> 95%

> > why I bought the R75, is program listening. FM is only secondary to
> > me. But the answer is, yes, it still works, seriously. I noticed
> the
> > DSP --both functions-- helped quite a bit 'clarify' reception,
> great!
> >
> > > COMMENT: Depending upon your use of the R75, the 15-KHz filters
> > > maybe somewhat expendable. They are primarily intended for FM,
> > > of course and I DO use my FM quite extensively for 28-54 MHz
> > > amateur bands and lo-band FM public frequencies reception.
> > > So in my case atleast, I am unwilling to sacrifice 15 KHz filter
> > > for that reason.
> >
> > And I see and respect that too. Everyone to his thing or aspect of
> > the hobby. Fair and democratic.
> >
> > What I would like to do, is substitute the 9Mhz stock 15K filter,
> > with a 4-4.5 KHz one. I am having trouble finding a suitable
> filter
> > for this stage. I do not want to fool with the nice 455 filter
> > selection I now have (15, 6, 3.3, 2.4). However, the combinations
> I
> > am limited to for S-AM (which I do not use that much, anyway)would
> be
> > better served if I could find a 9MHz replacement.
> >
> > I see your point. Good luck finding that replacement. It
> > should 'exist'.
> >
> > As to the AM bandwidths available, I'm VERY happy with mine now:
> >
> > 6, 4, 3.3 & 2.4
> >
> > > I'm a little confused about all of the things that Kiwa modified.
> > > When you get a chance, could you itemize them for us?
> >
> > Craig S. didn't send down the technical details, and I already
> stated
> > here I'm not, like some of you, and copying Danny's expression, "an
> > experienced service technician".
> >
> > Itemizing, Kiwa...
> >
> > changed the filter(s)
> > did the AGC/S-AM mods
> > performed a simple audio enhancement (?!) [call Kiwa]
> > forgot to check/do the MW band 'less' attenuation mod
> > had my radio for almost a month
> > charged me for filter, parts, shipping mostly
> > didn't charge me for service, my 75 was the 'guinea-pig'

> >
> > Did I miss something, Craig?!
> >
> > That's all what I know or can tell you.
> >
> > On the other hand, I won't say: Call him! Nor the opposite. Up to
> you.
> >
> > Thanks, gang.
> >
> > J a s o n
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
>

422. Re: [icomr75] Re: Decisions

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-15 23:56:05 UTC
From: Hal Waite
Topic: 416 Message: 422

----- Original Message -----
From: <DanJBlack@...>
To: <icomr75@yahoogroups.com>
Sent: Thursday, February 15, 2001 12:27 PM
Subject: [icomr75] Re: Decisions

> --- In icomr75@y..., "Mike Brown" <michaelalan.brown@v...> wrote:
> > Hi, I am new to the group but have been monitoring its contents for
> a week
> > or so.
> > I am about to buy my first 'serious' short wave receiver, and have
> narrowed
> > my choice down to two, namely the R75 and the AOR7030.
> > At present I am 70-30 in favour of the Icom, so if I buy one - is
> there
> > anything specific I should look for?
> > For information, I live in the UK (West Yorkshire, aka ee-bah-gum
> land)so
> > would anyone care to recommend a reputable outlet?
> > Thanks,
> > Mike Brown
>
> RE: Be sure you ask about the 7030 in its Plus (+) version, if you
> decide that way (benefits to doing this)! Also, the AR-7030 is in a
> slightly different league than the R75. It is generally held to a
> higher place in the food chain, and its price reflects this. It has
> excellent specifications, a tunable notch filter, and synchronous
> detection that allows either sideband or BOTH sidebands to be used.
> At least one major publication's review gives the 7030 bad marks for
> its difficult logic/operating menu. It is also said to suffer from
> some phase noise and lacks (like many receivers) a decent 4KHz
> filter, although one is available as a user-added option.
>
> At about 100-300 pounds greater cost than the R75, it should have
> more going for it than the Icom, at least on paper.

I have both receivers and the 7030 (mine is not the 7030+) is in a league above the R75, not just on paper. It is, of course, considerably more expensive than the R75, which I believe that I will sell in the near future.

Hal K3AB/7

423. Re: [icomr75] Is there Icom's Serial Port a...

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-16 01:35:41 UTC
From: Mark J. Fine
Topic: 409 Message: 423

From: "Scott Robson" <scott@...>
> I did some initial work and discovered that the numbers being sent back and
> forth from the unit didn't match those in the manual, but the basic format
> was right. I have not been able to "control" the unit from a linux

I had similar problems when developing Smart Icom, which was solely done "in the blind". All I had was a manual and testing software that Tom Sundstrom used (he had the radio). The test software had a pseudo- "terminal display" that showed what was getting sent, and what was getting returned from the radio. All non-ASCII characters were displayed as numbers (i.e., $FF was shown as "<255>"). This way Tom could relay to me what was going on via IRC and/or ICQ.

...But that was last year.

73,

Mark J. Fine / mark.fine@...

Serving the Shortwave Community since 1988:
- Owner/Proprietor, FineWare: http://www.fineware-swl.com
- East Coast Monitor, Monitoring Times: http://www.grove-ent.com
- English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa
- CumbreLite Editor, Cumbre DX: http://www.cumbredx.org

424. Re: Old trick - sligthly detuning from frequency

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-16 04:03:19 UTC
From: Michael Moore
Topic: 411 Message: 424

--- In icomr75@y..., jjga@u... wrote:
> As I did so many times before with my IC-R72 (recently sold),
> sometimes when I'm listening to world band radio programs, instead
of
> switching to SSB to ECSS, I use the narrower filters and sligthtly
> detune from the center frequency (remember, in AM mode you get both
> the sideband plus the carrier) to neatly improve the audio
> frequency/fidelity. TRY IT if you haven't done it, you'll hear
> the 'nice' difference.
>
> With the FL-257 what works best for me is between 500-750Hz to
either
> side. Check it out and tell me if you agree.

While I had the FL-257 in the radio, detuning (in AM mode) did restore those highs enough to make the listening enjoyable. Otherwise, the sound was too dark.

--
Michael Moore

425. Re: Old trick - sligthly detuning from frequency

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-16 04:24:17 UTC
From: DanJBlack@prodigy.net
Topic: 411 Message: 425

--- In icomr75@y..., jjga@u... wrote:
> As I did so many times before with my IC-R72 (recently sold),
> sometimes when I'm listening to world band radio programs, instead
of
> switching to SSB to ECSS, I use the narrower filters and sligthtly
> detune from the center frequency (remember, in AM mode you get
both
> the sideband plus the carrier) to neatly improve the audio
> frequency/fidelity. TRY IT if you haven't done it, you'll hear
> the 'nice' difference.
>

RE: The twin PBT controls work well for this, too. It does little
to restore higher audio frequencies, but will work on nasty adjacent-
station interference without detuning.

> With the FL-257 what works best for me is between 500-750Hz to
either
> side. Check it out and tell me if you agree.
>
> With the new 4k, I feel confortable going up to a full kilohertz
> either up or down the 'real' frequency. You won't be able to see
> that...yet, unless you install this filter. Rado should be able to
> tell with his CFWS450IT.
>
> Switching to S-AM adds proportion, depth, better sound yet. I'm not
> making this up, it's real, I can hear it. And I mean with the FL-
257
> itself, besides the 4k one. Rado, please, yes or no?! Our super-
> optional filters are different, but not by that much, pal.
>
> Dedicated utility listeners might detract from this relatively
> cumbersome (but effective!) AM reception technique. When things get
> tough around the bands, using a narrower filter and detuning away
> from any potential present interference also makes wonders. Even
> without interference or natural or man-made noises, just for the
> enhancement of the signal quality, it's worth it sometimes.
>
> Now go try it if you have the 3.3k and see (hear!) for yourself! ;-)
>
> I'm a teacher and I'm off work and gone from Friday to late Monday
> (President's birthdays!). I will check back here for any comments
and
> questions on this or the Kiwa mods on Tuesday afternoon, after
work,

> most likely.
>
> Best regards and reception to all,
>
> J a s o n

426. [icomr75] S-meter calibration

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-16 08:06:36 UTC
From: aunumero13@aol.com
Topic: 426 Message: 426

Hi all !

It seems the S-meter is not very accurate on this RIG. Compared to others sets I have, it indicates 5-6 points less. Using the preamp1 the value seems to be more accurate but it also brings unwanted noise sometimes.
How to calibrate it ?
Could someone tell exactly (with simple words and details of the location) how to put it right.

Many thanks,
Pat in France.

427. Mystery Filters

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-16 10:55:13 UTC
From: jemmex@yahoo.com
Topic: 427 Message: 427

HI
I have a question that perhaps one of the gurus here could answer
(you listening Rado etc...)
I have come across a few icom ann murata filters and was wondering if
they were any use to the r75.
If someone knows what the specs (bandwidth etc) on them and if they
can be fitted to the r75..if there is any point in it?

thanks

they are
ICOM-filter FL-40
ICOM Filter FL-30

Murata filter CFJ455k (seems to be marked S 5)

looked onthe net and at icomamericas web page could find nothing
good dxing and swling

428. Re: [icomr75] S-meter calibration

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-16 11:56:49 UTC
From: k1ygg@aol.com
Topic: 426 Message: 428

Speaking of the S meter, mine seems to go up to a certain level and the two bars behind the highest one are dim or intermittent regardless of what the signal level is. Jim

[Non-text portions of this message have been removed]

429. Re: S-meter calibration

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-16 15:17:17 UTC
From: DanJBlack@prodigy.net
Topic: 426 Message: 429

--- In icomr75@y..., aunumero13@a... wrote:
> Hi all !
>
> It seems the S-meter is not very accurate on this RIG. Compared to
others
> sets I have, it indicates 5-6 points less. Using the preamp1 the
value seems
> to be more accurate but it also brings unwanted noise sometimes.
> How to calibrate it ?
> Could someone tell exactly (with simple words and details of the
location)
> how to put it right.
>
> Many thanks,
> Pat in France.

RE: The s-meter is calibrated to lab signals furnished by a precise signal generator, under specific connection and test conditions. The R75 is reported to have some inaccuracy below S-9. I have found, however that the signals above s-9 are exceptionally accurate.

The type of antenna and total signal you are feeding into the R75 is important. It is also important which terminal you are using, ant1 or ant2. With a 60' sloper and a triband antenna available to me here, I get pretty good results.

One thing got my attention...you report that when you use the preamp-1 you bring in more noise. This may be an indication that your antenna is not delivering enough signal. Also, is your R75 GROUNDED? If it is not securely grounded, you may experience some signal loss, especially if using a hi-Z antenna at the push-terminal inputs.

I own several receivers here, and some have very "heavy" s-meters. They will give a weak signal an S-9 indication, and strong signals will "bury" the scale. If I had to choose between the two, I would rather have the "low" s-meter.

Check your antenna and ground the receiver well. You should not be pulling much extra noise on preamp-1, unless the signal is not strong at the input terminals.

:-)

430. Re: S-meter calibration

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-16 15:25:34 UTC
From: DanJBlack@prodigy.net
Topic: 426 Message: 430

--- In icomr75@y..., k1ygg@a... wrote:
> Speaking of the S meter, mine seems to go up to a certain level and the two
> bars behind the highest one are dim or intermittent regardless of what the
> signal level is. Jim
>
>
> [Non-text portions of this message have been removed]

JIM--have you set the submenu for peak-hold function? It is the menu heading "P HoLD", between "BP LIM" and "SCN Rs". In this function, the meter seems to "emphasize" the peak bargraph indicators at the end, while the rest drop back a bit, in the way you have described. When I select my P-HoLD to "off", this does not happen. I think this is intentional, to make the peak easier to read during its brief hold.

Thanks!

Danny

431. Re: [icomr75] S-meter calibration

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-16 16:15:56 UTC
From: Eddie Bryant
Topic: 426 Message: 431

> Speaking of the S meter, mine seems to go up to a certain level and the two
> bars behind the highest one are dim or intermittent regardless of what the
> signal level is. Jim

Try running your RF gain knob up to see if it is the LCD or a
receiver problem. I did this on mine by rotating the squelch
knob fully clockwise.

My meter will deflect up to the area just below the "0" in the
"60db"of the meter. I have no LCD bars indicated in the area to
the right of that (below the db in "60dB".)

Also there is a procedure to calibrate the "S" meter in the "Files"
area of this group under "Information", "Alignment Procedure",
"Section 4-4".

"CAUTION" these adjustments must be made with the proper
signal generator. Otherwise it is a guess at the signal level that
you are adjusting it by.

It appears that it is calibrated at 3 points.....

"0" Signal Level (no Signal)
"S-9" Signal Level generator at 35uV's or 31 dBu
and "Full Scale 60dB" with the generator at 28 mV's or 89 dBu

If you have a signal generator this should be no problem to
calibrate. Personally, I don't have access to one.

You could calibrate your meter to a similar reading of another
radio that you use. That way you could easily compare signals
between the two.

I compared the S-9 readings for WWV on 15 MHz between my R75
R8500 HF Receiver, and IC-746 Amateur HF Transceiver.
The R75 read identical to the 746(both preamps on) .
But the R8500 read several dB below the other two (this radio is
known for its stingy "S" meter.)

These reading are relative and should only be used for comparing
signals on the same radio anyhow. For me I am content with the
readings on them.

For the tweaker out there , ICOM makes it easy to adjust from the
front panel menu. You just have to enter the adjustment mode. This
requires a terminator to be attached to the remote connector on
the rear panel and pressing the "CLOCK" and "ANT/SET" buttons
simultaneously and powering up the radio to enter this mode.

I could not get mine to enter this adj. mode without the terminator it calls for.

Not too sure about the terminator configuration called for in 4-4 of the Set Mode Adjustment ? Maybe a shorted 1/8" plug ?

Eddie Bryant
N4UMJ

432. Kiwa Mods Posted As Available At Their Site!!!

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-18 20:22:28 UTC
From: jjga@usa.net
Topic: 432 Message: 432

I think it had to be up to me to let you know, guys.

I personally believe the mods are very worth it if you are planning on keeping that radio. With the addition of filters, the R75 becomes a VERY NICE LITTLE RECEIVER. I see no solid competition at its price range, maybe even after adding filters and paying for the mods. It's unfortunately that right now Icom is not offering anymore the DSP free when you buy one. That even things up a bit with the other models now readily available.

For somebody buying a new unit, maybe a JRC-545, AOR-7030+, Drake R8B, Palstar R30, or even a Grundig S-800, might make more sense. But if you already have the R75, I would recommend you go for the 'enhancements' if you cannot or don't want to perform them yourselves...like me.

This is what you will find if you visit Kiwa's site (www.kiwa.com):

"Icom R75 Performance Upgrades

The following Upgrades is avaliable by sending the R75 to Kiwa Electronics.

450 kHz Filter Upgrade
The 450 kHz filters come stock with two bandwidths; 15 kHz and 6 kHz. The 15 kHz filter is used for both Synchronous AM and FM reception. We remove both the 15 kHz and 6 kHz filters. The 6 kHz filter is installed in the 15 kHz slot. (Please note:this mod will affect FM performance) A 3.8 kHz filter is installed in the 6 kHz slot. The improved selectivity will enhance synchronous AM reception under difficult signal conditions.
(This is the same filter we supply for the ATS909 and CC Radio.)

450 kHz Filter Upgrade $40.00
Filter installation and reassignment $50.00

Synchronous Detector Upgrade
Kiwa provides two major upgrades to the Synchronous Detector. Together they provide enhanced performance where the PLL stays "locked" under the most difficult signal conditions.The first upgrade is best described as a "dual speed control voltage". The control voltage for the PLL filter is tuned within an optimum window that is determined by signal conditions.The response is slow to maintain a "centered" condition. A second circuit provides the control accuracy to react to fast flutter fading and noisey conditions. These two circuits provide a dual speed control for the PLL.

The second major upgrade is to the Synchronous AM AGC. The dual speed technique is used again to first center the AGC but still allow for quick short changes in AGC characteristics as required by signal conditions. All components are encpsulated in a plastic shell and mounted to a side chassis wall.

Synchronous Detector Upgrade $45.00

Audio Upgrade
Key components to to audio power amplifier are replaced to enhance clarity and definition.

Audio Upgrade $35.00"

To help those interested:

Kiwa Electronics
612 South 14th Avenue
Yakima, WA 98902 USA
509.453.5492
800.398.1146 (orders)
kiwa@...

Best regards,

J a s o n G .

433. My 'seemingly' final filter setup for program listening

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-18 21:02:33 UTC
From: jjga@usa.net
Topic: 433 Message: 433

In case you decide to go for the mods,
this is what I find works best FOR ME:

AM/W 15.0k + 6.0k

AM 15.0k + 4.0k

AM/N 15.0k + 3.3k

S-AM/W 15.0k + 6.0k

S-AM 15.0k + 4.0k

S-AM/N 2.8k + 4.0k

SSB/W 15.0k + 3.3k

SSB 2.8k + 3.3k

SSB/N 2.4k + 2.4k

4.0 (LFH2SK-W, 3.8k/455IF) - nominal 3.8k/450k b/w
3.3 (FL-257, 3.3k/455IF)
2.8 (FL-103, 2.8k/9MHzIF)
All other filters 'stock'

434. My first mail - question

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-18 21:41:18 UTC
From: esapeltola@hotmail.com
Topic: 434 Message: 434

I have been following this group for few weeks now. It is great.
Thank you. I am planning to buy R-75. I live in Europe, where the
receiver costs 1000 dollars. BUT next week I will be in Miami
Florida. Do you know where I could find ICOM dealer there?
Esaias

435. Re: [icomr75] My first mail - question

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-18 22:16:53 UTC
From: Eddie Bryant
Topic: 434 Message: 435

> BUT next week I will be in Miami Florida.
> Do you know where I could find ICOM dealer there?
>
> Esaias

Try these dealers......I found them at the ICOM website:
http://icomamerica.com/dealers/fl.html

It appears that Ft Lauderdale has several dealers and is
not located too far from Miami. Also there is one in Miami
but it is for export only. They might be good to deal with.
I am only familiar with AES (Amateur Electronic Supply)
and I have never had a problem ordering things from them.

Not living in that area I am not too sure how far or difficult
of a drive that would involve going up to Ft Lauderdale.

You could possibly get a radio shipped from AES, up in
Orlando, to the place that you are staying at.

Give them a call and see. They have a toll free # listed.

Hope you have a safe and enjoyable trip to Florida.....

Eddie Bryant

Authorized Icom America Dealers in Florida
Amateur

Amateur Electronic Supply(AES)
621 Commonwealth Ave
Orlando, FL 32803
Toll Free: 1-800-327-1917
Phone: (407) 894-3238 / (800) 327-1917
Fax: (407) 894-7553

Eli's Amateur Radio
2513 S.W. 9th Avenue
Ft. Lauderdale, FL 33315
Toll Free: 1-800-780-0103
Phone: (954) 525-0103
Fax: (305) 944-3383

Mike's Electronics
1001 N.W. 52nd Street
Ft. Lauderdale, FL 33309
Phone: (954) 491-7110

Toll free: 800-427-3066
Fax: (954) 491-7011

YV-5 Communications (export only)
Galeria Internacional Mall
255 E. Flagler Street, Suite 98
Miami, FL 33131
Phone: (305) 577-9960
Fax: (305) 577-6181

436. Re: [icomr75] Re: S-meter calibration

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-19 02:23:53 UTC
From: k1ygg@aol.com
Topic: 426 Message: 436

Thanks a lot Danny, I took out the manual and learned a new things. Hahaha
Jim

[Non-text portions of this message have been removed]

437. USB/LSB S-meter readings

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-19 02:32:24 UTC
From: Mark Veldhuis
Topic: 437 Message: 437

Hello,

I just noticed that there's a diffrence between S-meter readings in LSB and USB.
I am listening to Cuba on 6 mHz. In LSB, the reading is S9+20, against S9+10 in USB.
Radio CBN Anhanguara on 4915 is about S7 in LSB, while in USB it's around S5.
This doesn't seem like normal to me. Anyone experience the same on his/her (?) R75?

73',
Mark Veldhuis, Borne, the Netherlands (52.3000?N, 6.7500?E).
E-mail: dx@...
http://www.mark-veldhuis.com
ICQ: 38955406

438. Re: [icomr75] USB/LSB S-meter readings

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-19 04:15:14 UTC
From: khgrant@ix.netcom.com
Topic: 437 Message: 438

On Sunday 18 February 2001 18:32, you wrote:
> Hello,
>
> I just noticed that there's a diffrence between S-meter readings in LSB and
> USB.
> I am listening to Cuba on 6 mHz. In LSB, the reading is S9+20, against
> S9+10 in USB.
> Radio CBN Anhanguara on 4915 is about S7 in LSB, while in USB it's around
> S5.
> This doesn't seem like normal to me. Anyone experience the same on his/her
> (?) R75?
>
>
> 73',
> Mark Veldhuis, Borne, the Netherlands (52.3000?N, 6.7500?E).
> E-mail: dx@...
> http://www.mark-veldhuis.com
> ICQ: 38955406
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com

Same here. Cuba @ 6 mHz seems about 20db lower on LSB. Curious. Must be
their transmission. BBC on 6175 seems about even. Any comments?

Keith

439. Re: [icomr75] USB/LSB S-meter readings

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-19 06:20:59 UTC
From: Gert Nilsson
Topic: 437 Message: 439

I have ho difference between USB and LSB. If you are using 2,1 kHz selectivity perhaps the carrier is on the slope of the filters and just 100 Hz means a lot if the filters are not centered. Check the PBT settings!
----- Original Message -----
From: khgrant@...
To: icomr75@yahoogroups.com
Sent: Monday, February 19, 2001 4:15 AM
Subject: Re: [icomr75] USB/LSB S-meter readings

On Sunday 18 February 2001 18:32, you wrote:
> Hello,
>
> I just noticed that there's a diffrence between S-meter readings in LSB and
> USB.
> I am listening to Cuba on 6 mHz. In LSB, the reading is S9+20, against
> S9+10 in USB.
> Radio CBN Anhanguara on 4915 is about S7 in LSB, while in USB it's around
> S5.
> This doesn't seem like normal to me. Anyone experience the same on his/her
> (?) R75?
>
>
> 73',
> Mark Veldhuis, Borne, the Netherlands (52.3000°N, 6.7500°E).
> E-mail: dx@...
> http://www.mark-veldhuis.com
> ICQ: 38955406
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com

Same here. Cuba @ 6 mHz seems about 20db lower on LSB. Curious. Must be
their transmission. BBC on 6175 seems about even. Any comments?

Keith

Yahoo! Groups Sponsor

To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

[Non-text portions of this message have been removed]

440. RE: [icomr75] USB/LSB S-meter readings

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-19 10:02:18 UTC
From: Mark Veldhuis
Topic: 437 Message: 440

Hello,

> -----Original Message-----
> From: khgrant@... [mailto:khgrant@...]

> Same here. Cuba @ 6 mHz seems about 20db lower on LSB. Curious. Must be
> their transmission. BBC on 6175 seems about even. Any comments?

I don't think it's their transmission, because it happens on all stations I
tune to.

73',
Mark Veldhuis, Borne, the Netherlands (52.3000?N, 6.7500?E).
E-mail: dx@...
http://www.mark-veldhuis.com
ICQ: 38955406

441. RE: [icomr75] USB/LSB S-meter readings

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-19 10:02:20 UTC
From: Mark Veldhuis
Topic: 437 Message: 441

Hi,

> -----Original Message-----
> From: Gert Nilsson [mailto:gert.nilsson@...]

> I have ho difference between USB and LSB. If you are using 2,1
> kHz selectivity perhaps the carrier is on the slope of the
> filters and just 100 Hz means a lot if the filters are not
> centered. Check the PBT settings!

PBT controls are at center position, so that's not the problem. Guess I need to take the radio to the shop to have them look after it. LSB and USB also sound slightly different, so I guess something is not properly alligned.

73',
Mark Veldhuis, Borne, the Netherlands (52.3000?N, 6.7500?E).
E-mail: dx@...
http://www.mark-veldhuis.com
ICQ: 38955406

442. SV: [icomr75] USB/LSB S-meter readings

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-19 18:19:14 UTC
From: Johan Letterstål
Topic: 442 Message: 442

I've noticed the same difference between LSB and USB, using narrow filter setup (in this case 2,8/2,4).
Also the audio coloration is slightlty different (a higher pitch on USB)
Adjusting the PBT a bit will clear this out.
Until now, I've suspected bad alignment of the PBT circuitry, however I'm not sure...
73 de Johan Letterstål, Sweden

-----Ursprungligt meddelande-----
Från: Mark Veldhuis <veldhuis@...>
Till: icomr75@yahoogroups.com <icomr75@yahoogroups.com>
Datum: den 19 februari 2001 11:02
Ämne: RE: [icomr75] USB/LSB S-meter readings

>Hi,
>
>> -----Original Message-----
>> From: Gert Nilsson [mailto:gert.nilsson@...]
>
>> I have ho difference between USB and LSB. If you are using 2,1
>> kHz selectivity perhaps the carrier is on the slope of the
>> filters and just 100 Hz means a lot if the filters are not
>> centered. Check the PBT settings!
>
>PBT controls are at center position, so that's not the problem. Guess I need
>to take the radio to the shop to have them look after it. LSB and USB also
>sound slightly different, so I guess something is not properly alligned.
>
>
>73',
>Mark Veldhuis, Borne, the Netherlands (52.3000°N, 6.7500°E).
>E-mail: dx@...
>http://www.mark-veldhuis.com
>ICQ: 38955406
>
>
>
>To unsubscribe from this group, send an email to:
>icomr75-unsubscribe@egroups.com
>
>
>
>

443. Re: [icomr75] USB/LSB S-meter readings

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-19 22:56:13 UTC
From: Nick Marsh
Topic: 437 Message: 443

I see this also and believe it to be related to centering the signal in the passband. Be sure that the PBT knobs are centered before trying this test, pick a good strong signal like WWV and see if the signal strength is different between sidebands.

My R75 sounds as if one of the sidebands is shifted slightly in the bandpass, slightly altering the audio characteristics and signal strength. Not much, only slightly...

Nick
WB4SQI

Mark Veldhuis wrote:
>
> Hello,
>
> I just noticed that there's a diffrence between S-meter readings in LSB and
> USB.
> I am listening to Cuba on 6 mHz. In LSB, the reading is S9+20, against S9+10
> in USB.
> Radio CBN Anhanguara on 4915 is about S7 in LSB, while in USB it's around
> S5.
> This doesn't seem like normal to me. Anyone experience the same on his/her
> (?) R75?
>
> 73',
> Mark Veldhuis, Borne, the Netherlands (52.3000?N, 6.7500?E).
> E-mail: dx@...
> http://www.mark-veldhuis.com
> ICQ: 38955406
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com

444. Re: [icomr75] My first mail - question

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-20 12:36:36 UTC
From: Esa Peltola
Topic: 434 Message: 444

Thank you Eddie! I will check those dealers
Esaias Peltola
Luxembourg

>From: "Eddie Bryant" <n4umj@...>
>Reply-To: icomr75@yahoogroups.com
>To: <icomr75@yahoogroups.com>
>Subject: Re: [icomr75] My first mail - question
>Date: Sun, 18 Feb 2001 17:16:53 -0500
>
> > BUT next week I will be in Miami Florida.
> > Do you know where I could find ICOM dealer there?
> >
> > Esaias
>
>
>
>Try these dealers......I found them at the ICOM website:
>http://icomamerica.com/dealers/fl.html
>
>It appears that Ft Lauderdale has several dealers and is
>not located too far from Miami. Also there is one in Miami
>but it is for export only. They might be good to deal with.
>I am only familiar with AES (Amateur Electronic Supply)
>and I have never had a problem ordering things from them.
>
>Not living in that area I am not too sure how far or difficult
>of a drive that would involve going up to Ft Lauderdale.
>
>You could possibly get a radio shipped from AES, up in
>Orlando, to the place that you are staying at.
>
>Give them a call and see. They have a toll free # listed.
>
>Hope you have a safe and enjoyable trip to Florida.....
>
>Eddie Bryant
>
>
>
>
>--
>Authorized Icom America Dealers in Florida
>Amateur
>

>Amateur Electronic Supply(AES)
>621 Commonwealth Ave
>Orlando, FL 32803
>Toll Free: 1-800-327-1917
>Phone: (407) 894-3238 / (800) 327-1917
>Fax: (407) 894-7553
>
>Eli's Amateur Radio
>2513 S.W. 9th Avenue
>Ft. Lauderdale, FL 33315
>Toll Free: 1-800-780-0103
>Phone: (954) 525-0103
>Fax: (305) 944-3383
>
>Mike's Electronics
>1001 N.W. 52nd Street
>Ft. Lauderdale, FL 33309
>Phone: (954) 491-7110
>Toll free: 800-427-3066
>Fax: (954) 491-7011
>
>YV-5 Communications (export only)
>Galeria Internacional Mall
>255 E. Flagler Street, Suite 98
>Miami, FL 33131
>Phone: (305) 577-9960
>Fax: (305) 577-6181
>
>
>
>
>

____
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445. Re: [icomr75] USB/LSB pitch difference

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-20 14:59:27 UTC
From: Björn Danielsson
Topic: 445 Message: 445

----- Original Message -----
From: "Mark Veldhuis" <veldhuis@...>
To: <icomr75@yahoogroups.com>
Guess I need to take the radio to the shop to have them look after it. LSB and USB also
> sound slightly different, so I guess something is not properly alligned.
> 73',
> Mark Veldhuis

It could be the filter who is wrong. I also had som difference in pitch between USB/LSB with the original filter.
So I sent a soundfile to my dealer and they said that it was a little too much difference so I got a new filter.
It is not perfect now but it is much better than before.

Björn Danielsson, Sweden

446. Re: [icomr75] USB/LSB pitch difference

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-20 15:49:06 UTC
From: Paul Bigelow
Topic: 445 Message: 446

Hello,

No doubt variations in the slope of the filter are causing
this issue. Collins makes special filters for USB and LSB.

Best regards,

Paul Bigelow

Björn Danielsson <bjorndan@...> on 02/20/2001 08:59:27 am

Please respond to icomr75@yahoogroups.com

To: <icomr75@yahoogroups.com>
cc:
Subject: Re: [icomr75] USB/LSB pitch difference

----- Original Message -----
From: "Mark Veldhuis" <veldhuis@...>
To: <icomr75@yahoogroups.com>
Guess I need to take the radio to the shop to have them look after it. LSB
and USB also
> sound slightly different, so I guess something is not properly alligned.
> 73',
> Mark Veldhuis

It could be the filter who is wrong. I also had som difference in pitch
between USB/LSB with the original filter.
So I sent a soundfile to my dealer and they said that it was a little too
much difference so I got a new filter.
It is not perfect now but it is much better than before.

Björn Danielsson, Sweden

To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

447. USB LSB differences

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-23 11:00:47 UTC
From: jemmex@yahoo.com
Topic: 447 Message: 447

Yep like everyone else, I find a big difference 'tween the two.

My findings were based ona series of tests usingan LW beacon WWV...VNG,a 27mhz Am CB txer and a strong clear channel MW broadcaster.
Basically an signal which is S7 on AM will be S2 or less on USB and S6 on USB. s6 or less in am will be no Spoints iin USB and noisy. Also USB WWV pips seemed higher pitched (one musical note)on USB then LSB. Another point, LSB sounds more muffled and USB more bright.and the voice overs on WWV are hard to hear (in fact can be easily missed) on LSB.

Quite some variation. Seems not to matter where I am tuned tested from 300khz to 27MHz.

However if i tune the larger/outer PBT knob (which filter is that?) the signal stregnth variation can be nulled.
IF i tune the outer ring to about "10:30am" in LSB and "1:30pm" in USB the sig stregnth will be as high as on AM adn the muffled effect of LSb disappears. (still sounds a note out tho, so i supect alignment of lacal oscillators or somesuch.)

As to the S meter, I have yet to see the S meter show over 40dB, and that inclued local Hams (i even monitored my own Tx) and power housed. If it wasnt for the RF gain, i wouuld swear it didnt go past 40db.

But i still love this rig :)
73 and good Dx
de Jem
VK2JEM

PS did anyone see my post about those icom filters, i still havent found any specs on them....

448. Re: USB LSB differences

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-23 18:03:19 UTC
From: Michael Moore
Topic: 447 Message: 448

--- In icomr75@y..., jemmex@y... wrote:
> Yep like everyone else, I find a big difference 'tween the two.
>
> My findings were based ona series of tests usingan LW beacon
> WWV...VNG,a 27mhz Am CB txer and a strong clear channel MW
> broadcaster.
> Basically an signal which is S7 on AM will be S2 or less on USB and
> S6 on USB. s6 or less in am will be no Spoints iin USB and noisy.
> Also USB WWV pips seemed higher pitched (one musical note)on USB
then
> LSB. Another point, LSB sounds more muffled and USB more bright.and
> the voice overs on WWV are hard to hear (in fact can be easily
> missed) on LSB.
>
> Quite some variation. Seems not to matter where I am tuned tested
> from 300khz to 27MHz.

Mine seems the same on both LSB and USB for most AM signals.

> However if i tune the larger/outer PBT knob (which filter is that?)
> the signal stregnth variation can be nulled.

9 MHz IF

--
Michael Moore

449. Re: My 'seemingly' final filter setup for program listening

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-23 18:18:45 UTC
From: Michael Moore
Topic: 433 Message: 449

--- In icomr75@y..., jjga@u... wrote:
> In case you decide to go for the mods,
> this is what I find works best FOR ME:
>
> ----------
>
> AM/W 15.0k + 6.0k
>
> AM 15.0k + 4.0k
>
> AM/N 15.0k + 3.3k
>
> ----------
>
> S-AM/W 15.0k + 6.0k
>
> S-AM 15.0k + 4.0k
>
> S-AM/N 2.8k + 4.0k
>
> ----------
>
> SSB/W 15.0k + 3.3k
>
> SSB 2.8k + 3.3k
>
> SSB/N 2.4k + 2.4k
>
> ----------

Now that you have 15 + 4 for AM narrow, is there any point to listening to AM in SSB mode with 2.8 + 3.3? I find the 2.8 + 3.3 useless for true SSB. And given, you have the 15 + 4 for narrow AM, the seemingly small difference (to my ear) of listening to AM in SSB mode with 2.8 + 3.3 versus 2.4 + 2.4 seems hardly worth it. If it's a hard to copy single where the SSB mode is required, the sound quality loss (which seems small) in the 2.4 + 2.4 mode (versus 2.8 + 3.3) won't really matter.

I had the 2.8 and 3.3 filters but since acquiring them have moved the 3.3 into my AR7030+ -- now I only have the 2.8 (9 MHz IF). I have recently sent my R75 off to KIWA for the mods and am now wondering if I should get another 3.3 kHz filter or skip it and go for two 500 Hz filters (and sell the 2.8 kHz filter).

--
Michael Moore

450. Re: My 'seemingly' final filter setup for program listening

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-24 05:15:51 UTC
From: jjga@usa.net
Topic: 433 Message: 450

--- In icomr75@y..., "Michael Moore" <m.moore@u...> wrote:
> --- In icomr75@y..., jjga@u... wrote:
> > In case you decide to go for the mods,
> > this is what I find works best FOR ME:
> >
> > ----------
> >
> > AM/W 15.0k + 6.0k
> >
> > AM 15.0k + 4.0k
> >
> > AM/N 15.0k + 3.3k
> >
> > ----------
> >
> > S-AM/W 15.0k + 6.0k
> >
> > S-AM 15.0k + 4.0k
> >
> > S-AM/N 2.8k + 4.0k
> >
> > ----------
> >
> > SSB/W 15.0k + 3.3k
> >
> > SSB 2.8k + 3.3k
> >
> > SSB/N 2.4k + 2.4k
> >
> > ----------
>
> Now that you have 15 + 4 for AM narrow, is there any point to
> listening to AM in SSB mode with 2.8 + 3.3? I find the 2.8 + 3.3
> useless for true SSB. And given, you have the 15 + 4 for narrow
AM,
> the seemingly small difference (to my ear) of listening to AM in
SSB
> mode with 2.8 + 3.3 versus 2.4 + 2.4 seems hardly worth it. If
it's a
> hard to copy single where the SSB mode is required, the sound
quality
> loss (which seems small) in the 2.4 + 2.4 mode (versus 2.8 + 3.3)
> won't really matter.
>
> I had the 2.8 and 3.3 filters but since acquiring them have moved

the
> 3.3 into my AR7030+ -- now I only have the 2.8 (9 MHz IF). I have
> recently sent my R75 off to KIWA for the mods and am now wondering
if
> I should get another 3.3 kHz filter or skip it and go for two 500
Hz
> filters (and sell the 2.8 kHz filter).
> --
> Michael Moore

I'm not too sure what to advise you, Mike. It depends so much on what your priorities are! I LOVE the 3.3, its skirt selectivity is great. I'm happy I have it 'available'.

As to the 2.8/3.3 vs. 2.4/2.4 you are almost right on the $$$, there is no 'big' difference. And as you noted, with the excellent AM and S-AM filter arrangement I have now, I don't use it as much.

One thing I can tell you and it's true, it's how nice it is to have so many bandwidths for the voice modes available. That's MY priority. Now you're talking CW 500Hz filters, you have to decide on that. I do very little digital or morse reception, and only sporadically SSB the hams or other utilities.

I hope you will like the Kiwa/(Rado) mods! Let me know directly when you get the rig back from WA so we can share more filters (and other) impressions. Where are you at? I'm in Southern CA.

J a s o n

451. Re: My 'seemingly' final filter setup for program listening

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-24 09:37:19 UTC
From: Michael Moore
Topic: 433 Message: 451

--- In icomr75@y..., jjga@u... wrote:
> I'm not too sure what to advise you, Mike. It depends so much on
what
> your priorities are! I LOVE the 3.3, its skirt selectivity is great.
> I'm happy I have it 'available'.
>
> As to the 2.8/3.3 vs. 2.4/2.4 you are almost right on the $$$, there
> is no 'big' difference. And as you noted, with the excellent AM and
S-
> AM filter arrangement I have now, I don't use it as much.
>
> One thing I can tell you and it's true, it's how nice it is to have
> so many bandwidths for the voice modes available. That's MY
priority.
> Now you're talking CW 500Hz filters, you have to decide on that. I
do
> very little digital or morse reception, and only sporadically SSB
the
> hams or other utilities.
>
> I hope you will like the Kiwa/(Rado) mods! Let me know directly when
> you get the rig back from WA so we can share more filters (and
other)
> impressions. Where are you at? I'm in Southern CA.

I'm in Toronto (southern Ontario, Canada). Kiwa should receive my R75
on Monday -- so I'm not expecting it back for at least one week. I'll
let you know what my impressions are when I get it back.

--
Michael Moore
J a s o n

452. Re: Mystery Filters

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-24 09:54:51 UTC
From: Michael Moore
Topic: 427 Message: 452

--- In icomr75@y..., jemmex@y... wrote:
> HI
> I have a question that perhaps one of the gurus here could answer
> (you listening Rado etc...)
> I have come across a few icom ann murata filters and was wondering
if
> they were any use to the r75.
> If someone knows what the specs (bandwidth etc) on them and if they
> can be fitted to the r75..if there is any point in it?
>
> thanks
>
> they are
> ICOM-filter FL-40
> ICOM Filter FL-30
>
> Murata filter CFJ455k (seems to be marked S 5)

Could it be one of the following:
CFJ455K5 (nominal 2.4 kHz)
CFJ455K8 (nominal 1 kHz but 1.5 in actual use)
CFJ455K14 (2.2 - 2.6 kHz)
CFK455J (nominal 3 kHz but more like 3.8-4.0 in actual use)

--
Michael Moore

453. IC-R75 Hamfest Price

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-26 12:37:53 UTC
From: Scott Medlin
Topic: 453 Message: 453

The price on the IC-R75 this past weekend at the Dalton, Georgia (USA) hamfest was US$430.00. I'm not sure whether or not it included the DSP board, but what a bargain!!! The price has dropped over US$100.00 since I bought mine in August 2000.

73's Scott

_____
Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
http://personal.mail.yahoo.com/

454. Re: [icomr75] IC-R75 Hamfest Price

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-26 13:24:28 UTC
From: Eddie Bryant
Topic: 453 Message: 454

----- Original Message -----
From: Scott Medlin <kf4gnl@...>

> The price on the IC-R75 this past weekend at the Dalton, Georgia (USA)
> hamfest was US$430.00. I'm not sure whether or not it included the DSP
> board, but what a bargain!!! The price has dropped over US$100.00 since I
> bought mine in August 2000.

Hey that sounds great ! Who was that dealer by the way ?
We have a hamfest coming up here locally in Charlotte NC
(USA) on the second weekend in March and I will be looking
very closely at the prices too.

I am planning on getting my second R75 to place on my
nightstand for listening to Shortwave bedside.
Currently I have been using the Sony 2010 for that purpose
the last several years but do not like its small dimly lit LCD
display. Also you have to look at it at the right angle or you
completely miss it. The display on the R75 really shines in
that area (literally.) Crystal clear and very readable. Also on
the 2010 the SSB always tended to distort on strong signals
requiring a constant adjustment on the RF gain control. The
R75 is much superior in that area.

I am going to hate to lose the FM band when I switch, but I
figure that a cheap FM clock radio will work fine for that
purpose. I never use the Airband receive on my 2010 so I
won't miss that either.

I will leave some feedback on the pricing here at the upcoming
Hamfest in Charlotte.

Eddie Bryant

455. Re: IC-R75 Hamfest Price

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-27 16:56:02 UTC
From: Scott Medlin
Topic: 453 Message: 455

The dealer was:

C.T. Morgan & Associates (Tom Morgan)
2300 E. 34th Street
Chattanooga, TN 37407
Phone: 423-629-7911

You might be able to find them at the upcoming Knoxville and Nashville
hamfests also.

Scott

Do You Yahoo!?
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http://personal.mail.yahoo.com/

456. Re: IC-R75 Hamfest Price/ CLT Hamfest

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-27 17:52:09 UTC
From: Eddie Bryant
Topic: 456 Message: 456

C.T. Morgan was at the Charlotte Hamfest last year so
anyone in the surrounding Charlotte NC area would make
their trip worthwhile if he does indeed make another
appearance this year.

Last time I went to CT Morgans website it was not fully
operational so it seems he prefers to deal at the Hamfests
instead of the Internet. You can save on shipping that way
but you also will end up paying sales tax instead.

I hope to go early this year and catch the best deals.
His supply of ICOMs went FAST last year and he did have
the lowest rock bottom prices last too. AES and HRO are
also two of the larger dealers competing for sales at the event.

The Hamfest details can be seen at http://www.w4bfb.org/
if anyone would like to attend.

Eddie Bryant
N4UMJ

----- Original Message -----
From: Scott Medlin <kf4gnl@...>
To: ICOMR75 <icomr75@yahoogroups.com>
Sent: Tuesday, February 27, 2001 11:56 AM
Subject: [icomr75] Re: IC-R75 Hamfest Price

> The dealer was:
>
> C.T. Morgan & Associates (Tom Morgan)
> 2300 E. 34th Street
> Chattanooga, TN 37407
> Phone: 423-629-7911
>
> You might be able to find them at the upcoming Knoxville and Nashville
> hamfests also.
>
> Scott
>
> _____
> Do You Yahoo!?
> Get email at your own domain with Yahoo! Mail.
> http://personal.mail.yahoo.com/
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com

>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

457. RE: [icomr75] Digest Number 97

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-28 12:12:59 UTC
From: Ray Novak
Topic: 457 Message: 457

What price did you say you saw it for at Dalton?

Ray
-----Original Message-----
From:
sentto-2301522-97-983371089-dabears=compuserve.com@...
[mailto:sentto-2301522-97-983371089-dabears=compuserve.com@....c
om] On Behalf Of icomr75@yahoogroups.com
Sent: Wednesday, February 28, 2001 9:38 AM
To: icomr75@yahoogroups.com
Subject: [icomr75] Digest Number 97

To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

There are 2 messages in this issue.

Topics in this digest:

1. Re: IC-R75 Hamfest Price
From: Scott Medlin <kf4gnl@...>
2. Re: IC-R75 Hamfest Price/ CLT Hamfest
From: "Eddie Bryant" <n4umj@...>

Message: 1
Date: Tue, 27 Feb 2001 08:56:02 -0800 (PST)
From: Scott Medlin <kf4gnl@...>
Subject: Re: IC-R75 Hamfest Price

The dealer was:

C.T. Morgan & Associates (Tom Morgan)
2300 E. 34th Street
Chattanooga, TN 37407
Phone: 423-629-7911

You might be able to find them at the upcoming Knoxville and Nashville
hamfests also.

Scott

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http://personal.mail.yahoo.com/

Message: 2
Date: Tue, 27 Feb 2001 12:52:09 -0500
From: "Eddie Bryant" <n4umj@...>
Subject: Re: IC-R75 Hamfest Price/ CLT Hamfest

C.T. Morgan was at the Charlotte Hamfest last year so
anyone in the surrounding Charlotte NC area would make
their trip worthwhile if he does indeed make another
appearance this year.

Last time I went to CT Morgans website it was not fully
operational so it seems he prefers to deal at the Hamfests
instead of the Internet. You can save on shipping that way
but you also will end up paying sales tax instead.

I hope to go early this year and catch the best deals.
His supply of ICOMs went FAST last year and he did have
the lowest rock bottom prices last too. AES and HRO are
also two of the larger dealers competing for sales at the event.

The Hamfest details can be seen at http://www.w4bfb.org/
if anyone would like to attend.

Eddie Bryant
N4UMJ

----- Original Message -----
From: Scott Medlin <kf4gnl@...>
To: ICOMR75 <icomr75@yahoogroups.com>
Sent: Tuesday, February 27, 2001 11:56 AM
Subject: [icomr75] Re: IC-R75 Hamfest Price

> The dealer was:
>
> C.T. Morgan & Associates (Tom Morgan)
> 2300 E. 34th Street
> Chattanooga, TN 37407
> Phone: 423-629-7911
>
> You might be able to find them at the upcoming Knoxville and Nashville
> hamfests also.
>
> Scott
>
> _____
> Do You Yahoo!?

> Get email at your own domain with Yahoo! Mail.
> http://personal.mail.yahoo.com/
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

458. Re: [icomr75] Digest Number 98

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-01 20:26:44 UTC
From: Scott Medlin
Topic: 458 Message: 458

It was US$430.00 from C.T. Morgan & Associates at the Dalton, GA hamfest.

--- icomr75@yahoogroups.com wrote:
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
> --
>
> There is 1 message in this issue.
>
> Topics in this digest:
>
> 1. RE: Digest Number 97
> From: "Ray Novak" <dabears@...>
>
>
> --
> --
>
> Message: 1
> Date: Wed, 28 Feb 2001 07:12:59 -0500
> From: "Ray Novak" <dabears@...>
> Subject: RE: Digest Number 97
>
> What price did you say you saw it for at Dalton?
>
> Ray
> -----Original Message-----
> From:
> sentto-2301522-97-983371089-dabears=compuserve.com@...
>
[mailto:sentto-2301522-97-983371089-dabears=compuserve.com@....c
> om] On Behalf Of icomr75@yahoogroups.com
> Sent: Wednesday, February 28, 2001 9:38 AM
> To: icomr75@yahoogroups.com
> Subject: [icomr75] Digest Number 97
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
> --
>

> There are 2 messages in this issue.
>
> Topics in this digest:
>
> 1. Re: IC-R75 Hamfest Price
> From: Scott Medlin <kf4gnl@...>
> 2. Re: IC-R75 Hamfest Price/ CLT Hamfest
> From: "Eddie Bryant" <n4umj@...>
>
>
> ---
> ---
>
> Message: 1
> Date: Tue, 27 Feb 2001 08:56:02 -0800 (PST)
> From: Scott Medlin <kf4gnl@...>
> Subject: Re: IC-R75 Hamfest Price
>
> The dealer was:
>
> C.T. Morgan & Associates (Tom Morgan)
> 2300 E. 34th Street
> Chattanooga, TN 37407
> Phone: 423-629-7911
>
> You might be able to find them at the upcoming Knoxville and Nashville
> hamfests also.
>
> Scott
>
> ---
> Do You Yahoo!?
> Get email at your own domain with Yahoo! Mail.
> http://personal.mail.yahoo.com/
>
>
> ---
> ---
>
> Message: 2
> Date: Tue, 27 Feb 2001 12:52:09 -0500
> From: "Eddie Bryant" <n4umj@...>
> Subject: Re: IC-R75 Hamfest Price/ CLT Hamfest
>
> C.T. Morgan was at the Charlotte Hamfest last year so
> anyone in the surrounding Charlotte NC area would make
> their trip worthwhile if he does indeed make another
> appearance this year.
>
> Last time I went to CT Morgans website it was not fully

> operational so it seems he prefers to deal at the Hamfests
> instead of the Internet. You can save on shipping that way
> but you also will end up paying sales tax instead.
>
> I hope to go early this year and catch the best deals.
> His supply of ICOMs went FAST last year and he did have
> the lowest rock bottom prices last too. AES and HRO are
> also two of the larger dealers competing for sales at the event.
>
> The Hamfest details can be seen at http://www.w4bfb.org/
> if anyone would like to attend.
>
> Eddie Bryant
> N4UMJ
>
>
>
>
>
> ----- Original Message -----
> From: Scott Medlin <kf4gnl@...>
> To: ICOMR75 <icomr75@yahoogroups.com>
> Sent: Tuesday, February 27, 2001 11:56 AM
> Subject: [icomr75] Re: IC-R75 Hamfest Price
>
>
> > The dealer was:
> >
> > C.T. Morgan & Associates (Tom Morgan)
> > 2300 E. 34th Street
> > Chattanooga, TN 37407
> > Phone: 423-629-7911
> >
> > You might be able to find them at the upcoming Knoxville and Nashville
> > hamfests also.
> >
> > Scott
> >
> > _____
> > Do You Yahoo!?
> > Get email at your own domain with Yahoo! Mail.
> > http://personal.mail.yahoo.com/
> >
> > To unsubscribe from this group, send an email to:
> > icomr75-unsubscribe@egroups.com
> >
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> > Your use of Yahoo! Groups is subject to
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> Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
>
>

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http://personal.mail.yahoo.com/

459. test

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-09 02:16:27 UTC
From: Bob Barr
Topic: 459 Message: 459

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http://personal.mail.yahoo.com/

460. R75 DSP comparison

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-09 04:52:33 UTC
From: khgrant@ix.netcom.com
Topic: 460 Message: 460

Does anyone have experience using other DSP's besides the Ut-106?
I use and depend on mine, but have been wondering how it rates compared to say the Timewave zx599 or the MFJ units. Can anyone provide some useful comparisons?

Seems like the external units might provide better control over the filter characteristics. I get annoyed at buzzing noises that the UT106 cant eliminate. It works well at knocking down the hetrodynes (whistles), but pulsing or buzzing noises it cant seem to handle. Can these other units deal with these?

Thanks for the help

Keith

ps: the list has been awfully quiet lately. Anyone hear anything interesting?

461. Smart Icom Problems

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-09 05:12:00 UTC
From: khgrant@ix.netcom.com
Topic: 461 Message: 461

All
I'm having trouble with Fineware's Smart Icom Control program for the R75. Does anyone else have problems editing frequency entries in frequeny file? I can't change the value of preamp settings or antenna selection fields. No matter what I select for the preamp setting or antenna selection, the values always default to the same values. I end up having to save the file to disk and bring up a seperate editor to fix them.

I have the demo version of the program. Are these disabled in the demo but functional in the full version?

Does the full version have a better editor for entering frequencies or a way to import text data? I find the editing process cumbersom. It wont let me insert a blank row (you know, slide the other rows down). bummer.

I keep thinking a new improved version will be out, so I haven't purchased it yet.

Anyone else like this program?

Keith

462. Re: [icomr75] Smart Icom Problems

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-09 05:55:21 UTC
From: Mark J. Fine
Topic: 461 Message: 462

From: <khgrant@...>
> Does anyone else have problems editing frequency entries in frequeny file?
I
> can't change the value of preamp settings or antenna selection fields. No

I'm confused on what you're asking, bit it sounds like you're trying to edit your memories. If this is the case, you need to first capture your existing memories from the radio. This can be done by selecting ther capture function from the memory menu. Then you can edit using the built-in features, as it's not disabled in the shareware version.

73,

Mark J. Fine / mark.fine@...

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- Owner/Proprietor, FineWare: http://www.fineware-swl.com
- East Coast Monitor, Monitoring Times: http://www.grove-ent.com
- English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa
- CumbreLite Editor, Cumbre DX: http://www.cumbredx.org

463. RE: [icomr75] R75 DSP comparison

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-09 17:38:51 UTC
From: Johan Letterstål
Topic: 460 Message: 463

Hi.
I have the MFJ-784B and did some comparsions a while back.
Autonotch: The speed (attack-time) seems to be the same. I find the MFJ to be somewhat deeper. For some reason the UT106 sometime fails to null hets in AM-mode (I haven't researched this further. Yes, I know, the manual says "only SSB"). The MFJ wipes out nearly everything, not to mention using the two manual notches.
NR: I don't know the denoise-technique for the UT106, but it "sounds" to be LMS, the same as for MFJ.
Using the MFJ, the signal level is more or less unaffected, but the sound is slightly more muffled and "rounder". UT106 decreases the signal level.
I measured the MFJ and it has a true 20dB reduction in noise. I've not measured the UT106.
Both produces bubbling/echoing when NR-levels are near or at maximum.
Note that these are my own personal and subjective findings.

73 Johan, Sweden

-----Ursprungligt meddelande-----
Från: khgrant@... <khgrant@...>
Till: ICOM R75 Group <icomr75@yahoogroups.com>
Datum: den 9 mars 2001 06:11
Ämne: [icomr75] R75 DSP comparison

>Does anyone have experience using other DSP's besides the Ut-106?
>I use and depend on mine, but have been wondering how it rates compared to
>say the Timewave zx599 or the MFJ units. Can anyone provide some useful
>comparisons?
>
>Seems like the external units might provide better control over the filter
>characteristics. I get annoyed at buzzing noises that the UT106 cant
>eliminate. It works well at knocking down the hetrodynes (whistles), but
>pulsing or buzzing noises it cant seem to handle. Can these other units deal
>with these?
>
>Thanks for the help
>
>Keith
>
>ps: the list has been awfully quiet lately. Anyone hear anything interesting?
>
>To unsubscribe from this group, send an email to:
>icomr75-unsubscribe@egroups.com
>
>
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>

>
>

464. Re: [icomr75] R75 DSP comparison

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-09 20:52:33 UTC
From: Eddie Bryant
Topic: 460 Message: 464

> Does anyone have experience using other DSP's besides the Ut-106?
> I use and depend on mine, but have been wondering how it rates compared to
> say the Timewave zx599 or the MFJ units. Can anyone provide some useful
> comparisons?

Hello Keith,

A few comment s on DSP:

JPS NIR-12 (no longer in production) had an excellent auto notch. Much better
than the UT-106. However, it added some really strange artifacts for the DSP.
Sounded much like a waterfall tricking and it chopped the audio when the DSP
was turned up too much. CW filtering was great and I suspect it was made
mainly for that and the digital modes. It had dual digital processors and was a
solidly built unit. If I had to listen to radio on a constant basis such as a contest
or other reason I believe the DSP would indeed reduce the listener fatigue. It's
much easier on the ears with it turned on. I just found,for me, hearing the sound
most clearly and naturally was done by turning off the NIR-12 with the
exception of using its superb auto-notch feature.

I just did not like having over $300 dollars invested in an outboard DSP which
is why I sold my NIR-12. They still can be found used and they have kept their
value so that must say something about its effectiveness for some people.

As for the buzzing that sounds more like an electrical interference problem
which could be solved by an outboard noise cancellation unit or finding the
source of it. I think MFJ now owns the rights to the older NIR-10 ?
(I think this is right) which was real effective I am told.

All in all, the add on UT-106 DSP module does a nice job and I am happy with it.
I agree with others on this group stating that the UT-106 seems most effective
when adjusted at or below four.......The NIR-12 was about the same being
most effective at the 10 o'clock position which equated to about a 4 on a
numeric scale reading.

Universal currently has a special on the ad on ICOM UT-106 DSP module.
($39.95 with purchase of an R75) Expires April 15,2001

http://www.universal-radio.com/catalog/commrxvr/0175.html

Not a bad deal !

Just thought I would pass that along for any future R75 owners.

Eddie Bryant
N4UMJ

465. Newbie filter questions

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-10 00:03:09 UTC
From: alanbarta@home.com
Topic: 465 Message: 465

Greetings:

I'm considering the purchase of an R75 but I'm bit confused about how the IF filtering works. Some of my questions are probably a bit bone-headed and result from my incomplete understanding of the R75's triple-conversion superheterodyne (and superheterodynes in general).

Here is how I understand the stock R75 filtering to function. The user can choose one of three bandwidths: narrow (N displayed), wide (W displayed), and normal (neither N nor W displayed). The combination of 9MHz and 455 kHz filters deployed then depends upon receiver mode (AM, S-AM, SSB, etc.). I downloaded VK2JEM's excellent filter table from the FILES section (IC-R75_FILTERS.xls) that detail all the possible stock and accessory filter combinations. To help me understand how filtering works let's look at just the stock filter configuration (XX) for the AM mode. Here are the combinations:

WIDE 15 + 15 = 15
NORMAL 15 + 6 = 6
NARROW 2.4 + 6 = 2.4

Thus, it appears that the resultant bandwidth is determined by the most narrow of the IF filters. Now my questions:

Because the resultant bandwidth is determined by the narrowest IF filter, how important is the bandwidth of the other filter? Put another way, what if the NARROW was 2.4 + 2.4 instead? How would this be different? I assume that this affects image rejection but help me out.

The KIWA filter upgrade moves the 6kHz (455kHz IF) filter to the 15kHz slot and puts a 3.8 kHz filter in the 6 kHz slot to improve AM selectivity. Thus I presume for AM the following would be true:
WIDE 15 + 6 = 6
NORMAL 15 + 3.8 = 3.8
NARROW 2.4 + 3.8 = 2.4
Can the removed 15 kHz filter be installed in the slot for optional filters? Any comments on the loss of the 15 kHz bandwidth are also of interest to me.

Thanks in advance. All the best, Alan

466. Re: [icomr75] Smart Icom Problems

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-10 06:46:28 UTC
From: khgrant@ix.netcom.com
Topic: 461 Message: 466

On Thursday 08 March 2001 21:55, Mark J. Fine wrote:
> From: <khgrant@...>
>
> > Does anyone else have problems editing frequency entries in frequeny
> > file?
>
> I
>
> > can't change the value of preamp settings or antenna selection fields. No
>
> I'm confused on what you're asking, bit it sounds like you're trying to
> edit your memories. If this is the case, you need to first capture your
> existing memories from the radio. This can be done by selecting ther
> capture function from the memory menu. Then you can edit using the
> built-in features, as it's not disabled in the shareware version.
>
> 73,
>
> Mark J. Fine / mark.fine@...
>
> Serving the Shortwave Community since 1988:
> - Owner/Proprietor, FineWare: http://www.fineware-swl.com
> - East Coast Monitor, Monitoring Times: http://www.grove-ent.com
> - English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa
> - CumbreLite Editor, Cumbre DX: http://www.cumbredx.org
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

Sorry I wasn't very clear. I didn't have the app running in front of me.

I have a couple of problems. One, I am trying to edit entries in the current memory file. I press the insert key on the entry I want to modify. I want to change the antenna input selection and/or the preamp setting. I modify the appropriate fields and click on save. The line in the memory file I just edited did NOT get modified. Setting the preamp or antenna fields has no effect.
Another problem I had tonight: I created a new memory file and filled out about 60 frequency entries. I tried downloading it (filling) to the radio. It

went through the motions of loading it, but when I checked the channels in the radio, they were not modified. I tried several times with no success. Suspicious, I opened up the *.mem file in a text editor and found that parts of each entry were garbage (filled with '?' characters). I don't have the file in front of me but the text label and about 5 bytes to the left of the label field were all messed up. What might be wrong?

I think I am running 3.24c (I cant tell for sure because the version number does not show up in the software at all - hint, hint).

Any suggestions?

Thanks,

Keith

467. Re: Newbie filter questions

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-10 08:47:45 UTC
From: Michael Moore
Topic: 465 Message: 467

--- In icomr75@y..., alanbarta@h... wrote:
> Greetings:
>
> I'm considering the purchase of an R75 but I'm bit confused about
how
> the IF filtering works. Some of my questions are probably a bit
bone-
> headed and result from my incomplete understanding of the R75's
> triple-conversion superheterodyne (and superheterodynes in general).
>
> Here is how I understand the stock R75 filtering to function. The
> user can choose one of three bandwidths: narrow (N displayed), wide
> (W displayed), and normal (neither N nor W displayed). The
> combination of 9MHz and 455 kHz filters deployed then depends upon
> receiver mode (AM, S-AM, SSB, etc.).

And you, the operator, configure the the filter combination (by
selecting one 9 MHz IF filter and one 450/455 kHz IF filter) for each
narrow, wide, or normal setting for each mode (FM, AM, USB, LSB, CW).

> I downloaded VK2JEM's excellent
> filter table from the FILES section (IC-R75_FILTERS.xls) that detail
> all the possible stock and accessory filter combinations. To help
me
> understand how filtering works let's look at just the stock filter
> configuration (XX) for the AM mode. Here are the combinations:
>
> WIDE 15 + 15 = 15
> NORMAL 15 + 6 = 6
> NARROW 2.4 + 6 = 2.4

You could also have 2.4 + 2.4 for AM but not for S-AM. In the S-AM
mode you are only permitted to choose between the 15 kHz and the 6 kHz
- 450 kHz IF filters.

> Thus, it appears that the resultant bandwidth is determined by the
> most narrow of the IF filters.

Yes.

> Now my questions:
>
> Because the resultant bandwidth is determined by the narrowest IF
> filter, how important is the bandwidth of the other filter? Put
> another way, what if the NARROW was 2.4 + 2.4 instead? How would
> this be different? I assume that this affects image rejection but

> help me out.

Noting the restriction for S-AM noted above, the following is considered for the plain AM mode. The selection of 2.4 + 2.4 versus 15 + 2.4 or 2.4 + 6 has an affect on how the PBT (passband tuning controls work). For example, with the 2.4 + 2.4, turning either the inner or the outer control will cut the width of the passband -- turning both in opposite directions will cut the width even more dramatically. However, with the 15 + 2.4, turning the inner control will only shift the passband but will not cut the width (i.e. it's a sliding 2.4 window) and moving the outer control will virtually have no effect. Somewhat similar situation for the 2.4 + 6 combination.

I should mention that in general, that the PBT controls have virtually no effect on the 15 kHz and 6kHz filters. But since the (inner) PBT control does have a noticable effect on the 3.8 kHz filter, then the operator can effectively use the (inner) PBT control as a passband shift in the S-AM mode with the 15 + 3.8 combo -- hence, synchronous selectable sideband (at least somewhat).

I presume that in the case of the 2.4 + 2.4 combo, one has a better chance of not getting any unwanted signal but in actual listening I don't think I noticed any difference over the 15 + 2.4 (this is assuming the that the PBT controls are in the neutral position).

> The KIWA filter upgrade moves the 6kHz (455kHz IF) filter to the
> 15kHz slot and puts a 3.8 kHz filter in the 6 kHz slot to improve AM
> selectivity. Thus I presume for AM the following would be true:
> WIDE 15 + 6 = 6
> NORMAL 15 + 3.8 = 3.8
> NARROW 2.4 + 3.8 = 2.4

This is true for the S-AM mode. For the AM mode you could also have 2.4 + 2.4. And with optional filters installed, there are more choices (e.g. 2.8 + 3.8 [S-AM and AM], 2.8 + 3.3 [AM only], 2.8 + 2.8 [AM only].

> Can the removed 15 kHz filter be installed in the slot for optional
> filters? Any comments on the loss of the 15 kHz bandwidth are also
> of interest to me.

The removed filter is a small Murata filter and cannot be installed in either of the optional slots. The optional slots accept those large crystal filters and must either be a 9 MHz IF filter or an 455 kHz IF filter. The Murata filter, which couldn't fit in either slot, is a 450 kHz IF filter.

The removal of the 15 kHz filter will have some effect on the FM mode, where you would then be forced to use 15 + 6 (sometimes you need a little wider bandwith than 6 kHz for FM) but you could still listen in FM mode.

--
Michael Moore

468. Re: [icomr75] Re: Newbie filter questions

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-10 10:37:01 UTC
From: Gert Nilsson
Topic: 465 Message: 468

I think he 2,4+2,4 combination will have a combined bandwidth of something like 2,1-2,2 kHz and much tighter skirt selectivity, removing interference better.

[Non-text portions of this message have been removed]

469. Re: [icomr75] Smart Icom Problems

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-10 13:59:39 UTC
From: Mark J. Fine
Topic: 461 Message: 469

Keith,

> Suspicious, I opened up the *.mem file in a text editor and found that
parts
> of each entry were garbage (filled with '?' characters). I don't have the

That may be part of the problem... those parts are supposed to be filled
with something else (essentially "20"s. Give me a while to figure out what
the heck is going on here.

73,

Mark J. Fine / mark.fine@...

Serving the Shortwave Community since 1988:
- Owner/Proprietor, FineWare: http://www.fineware-swl.com
- East Coast Monitor, Monitoring Times: http://www.grove-ent.com
- English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa
- CumbreLite Editor, Cumbre DX: http://www.cumbredx.org

470. R75, Drake R8B, or Ten-Tec RX320? (was Re: Newbie filter questions)

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-10 16:49:19 UTC
From: alan_barta@hotmail.com
Topic: 465 Message: 470

Thank you (Michael) for answering my R75 filtering questions with clarity!

I've been trying to decide which receiver to purchase and I think that the R75 is probably the best choice. I'm currently using a Drake SW-8 which I am satisfied with but I want computer control and I'd like to have something that won't be obsolete for some time.

I've narrowed my choices down to the Ten-Tec RX320, Drake R8B, and Icom IC-R75. I know that these receivers are in different price and performance classes so this is somewhat like comparing apples and oranges. I know that I would be satisfied with the R8B but I'm not sure that the price premium over the R75 is something I want to pay. The main advantage of the R8B appears to be it's excellent selectable sideband sync. My concern is that Drake may once again exit the SWL market. Used R8 and R8A receivers lack the improved sync and are in the same price range (if not more) than the R75. I also like the smaller footprint and external power supply of the R75.

The Ten-Ten RX320 is sounds like a great value and I would love to support a company that is as open as Ten-Tec with their interface code and design. I just think that the R75 probably offers both better performance, can be used without a computer, and is an incredible value at under $600 (in the US).

Any advice from R75 users for me?

Thanks in advance, Alan

471. Re: [icomr75] R75, Drake R8B, or Ten-Tec RX320? (was Re: Newbie filter questions)

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-10 23:58:52 UTC
From: Eddie Bryant
Topic: 465 Message: 471

> I've been trying to decide which receiver to purchase and I think
> that the R75 is probably the best choice. I'm currently using a
> Drake SW-8 which I am satisfied with but I want computer control
> and I'd like to have something that won't be obsolete for some
> time.

- The R75 has a great thing going for it and the main thing that convinced me at first was its competitive price. You could buy two R75's now for the price of one R8B! Of course this does not include any optional filters. I was at a local Hamfest today and saw the R75 selling for right at $450 USD

- I was contemplating the purchase of a Drake R8B to start with and did not really want to set aside that much money in a receiver since I am also involved in Amateur Radio and have many other radios besides this one. I discovered after my purchase of the R75 that it was really a well built receiver.
The first thing I did was to open the covers and accomplish the Rado Synchronous Detect Modification. When I did , I saw some excellent construction that I had never seen before in any of my other Amateur receivers. The little details such as shielded ribbons cables inside going to the front panel and conductive gaskets to provide a positive RF bond with the outer casing really told me it was first class in construction. These things could have been left out but they were not.

- I had seen the R8A at the Dayton Hamfest and did not like the low resolution LCD display. It seemed to just wash out when I saw it. This was years ago and this problem may have been corrected in later models. Also, I had read about someone doing a modification to eliminate the interference that its LCD display was emitting. I cannot verify this since it was from a second hand source.
It seems ICOM wanted to avoid that problem since in its R75 construction, it employs the use of copper shielded ribbon cables.

- Also, it seemed like the convertor to add VHF receive to the R8B was a little on the expensive side. A dedicated scanner could be purchased for that amount and accomplish the same. The R75 has the VHF - Lo (30 to 60 MHz) band already built in it.

- I don't use computer control on this end for my R75 so I can't give you input on that. I must say programming the R75 from the keypad was not difficult at all.

- I am sure the R8B radio is a nice receiver with its bells and whistles (including the sync selectable sideband) but on this end I found the R75 was the best choice for me.

- It would be nice to hear from past or current Drake R8B owners on this comparison.

Eddie Bryant
N4UMJ

472. R75, Drake R8B, or Ten-Tec RX320? (was Re: Newbie filter questions)

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-11 00:48:17 UTC
From: DanJBlack@prodigy.net
Topic: 465 Message: 472

--- In icomr75@y..., alan_barta@h... wrote:
> Thank you (Michael) for answering my R75 filtering questions
> with clarity!
>
> I've been trying to decide which receiver to purchase and I think
> that the R75 is probably the best choice. I'm currently using a
> Drake SW-8 which I am satisfied with but I want computer control
> and I'd like to have something that won't be obsolete for some
> time.
>
> I've narrowed my choices down to the Ten-Tec RX320, Drake
> R8B, and Icom IC-R75. I know that these receivers are in
> different price and performance classes so this is somewhat
> like comparing apples and oranges. I know that I would be
> satisfied with the R8B but I'm not sure that the price premium
> over the R75 is something I want to pay. The main advantage of
> the R8B appears to be it's excellent selectable sideband sync.

RE: It is important to note that, while the R8B's sync detector circuit is superior, the R75 has the best passband tuning feature of ANY radio currently available in its price range. Further, the R75 is one of the few receivers available with 1-Hz tuning resolution. Combined with its excellent stability and dual I-F passband adjustability, such precise tuning UNIQUELY qualifies the R75 for excellent ECSS use.

Using ECSS also allows the operator to access the R75's full selection of both stock and option-added filters. Using the receiver in ECSS mode, with the optional 3.3KHz filter (FL-257), produces outstanding results, often superior to that obtained with synchronous detection. Of course, the sync circuit has the singular advantage of maintaining proper BFO phase with respect to the received signal's carrier, but all other aspects of synchronous detection are either met or exceeded with careful ECSS and the right filtering.

The process of selecting one or the other sideband with a sync detection circuit brings only limited ability to shun interference. This is because there is only so much space between the sideband and the carrier frequency. A filter with proper bandwidth and a steep slope, combined with passband adjustability, will provide better results. When using ECSS, you've already got the ability to switch sidebands, so the results are frequently superior to those obtained using synchronous detection, especially on receivers which fall short in other areas.

Danny
> My concern is that Drake may once again exit the SWL market.
> Used R8 and R8A receivers lack the improved sync and are in
> the same price range (if not more) than the R75. I also like the
> smaller footprint and external power supply of the R75.
>
> The Ten-Ten RX320 is sounds like a great value and I would
> love to support a company that is as open as Ten-Tec with their
> interface code and design. I just think that the R75 probably
> offers both better performance, can be used without a computer,
> and is an incredible value at under $600 (in the US).
>
> Any advice from R75 users for me?
>
> Thanks in advance, Alan

473. R75 New Pricing and Bonus Offer!

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-14 15:11:26 UTC
From: DanJBlack@prodigy.net
Topic: 473 Message: 473

Hi!

Universal Radio is now offering the Icom IC-R75 at a great price of $569.99. In addition, the UT-106 DSP unit is available with the purchase of a new R75, for just $39.95. This makes for an incredible deal, considering what I paid for mine! I have not seen this combination priced lower, EVER, brand-new and with full warranty.

I am taking advantage of this offer, even though I presently own an R75. Too good to pass up, and I can outfit the receiver with a different filter combination for amateur SSB and data/utility use. I have been looking for a good receiver to increase my enjoyment of the radio hobby, but have found nothing better for the money than the R75. So, why not just get another, instead of compromising on something less?

In addition to the receiver and DSP special, Universal is including an antenna book in the offer! This company is one of my top sources for equipment and accessories, and I feel their service is excellent. For anyone interested in picking up this great all-purpose receiver, I hope this posting will help in deciding on its purchase.

Please note: I have no affiliation or connection with Universal Radio in any way. This is strictly my own viewpoint, as an R75 owner and customer of Universal Radio.

ALSO: I will soon have up for sale, a nice Drake SW2 receiver with selectable sideband synchronous detection, as found in the much costlier Drake R8B. This unit will be for sale upon receipt of my new R75, if anyone is interested in a moderately-priced SWL rig.

Best Regards,

Dan

474. ECSS

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-15 16:45:32 UTC
From: rem1875@aol.com
Topic: 81 Message: 474

OK can someone give me what this is the abbreviation for and how its done? I suspect it is just switching to single sideband to narrow out unwanted interference? Been doing that for years but is this it?
Also what is the general rules for use of USB Vs LSB? I know there was a cut off point recommended but in what freq range?

Joe
in North Texas?

[Non-text portions of this message have been removed]

475. Re: [icomr75] ECSS

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-15 20:21:56 UTC
From: Krister Eriksson SM6KRI
Topic: 81 Message: 475

ECSS - Exalted Carrier Selectable Sideband

another term for sync AM ?

also look at this page:
http://www.sherweng.com/indepth.html

/ Krister Eriksson
Krister Eriksson

Amateurradio: SM6KRI
Homepage: http://www.qsl.net/sm6kri

----- Original Message -----
From: <rem1875@...>
To: <icomr75@yahoogroups.com>
Sent: Thursday, March 15, 2001 5:45 PM
Subject: [icomr75] ECSS

> OK can someone give me what this is the abbreviation for and how its done? I
> suspect it is just switching to single sideband to narrow out unwanted
> interference? Been doing that for years but is this it?
> Also what is the general rules for use of USB Vs LSB? I know there was a cut
> off point recommended but in what freq range?
>
> Joe
> in North Texas?
>
>
> [Non-text portions of this message have been removed]
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

476. Re: ECSS

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-15 23:22:07 UTC
From: DanJBlack@prodigy.net
Topic: 81 Message: 476

--- In icomr75@y..., rem1875@a... wrote:
> OK can someone give me what this is the abbreviation for and how its done? I
> suspect it is just switching to single sideband to narrow out unwanted
> interference? Been doing that for years but is this it?
> Also what is the general rules for use of USB Vs LSB? I know there was a cut
> off point recommended but in what freq range?
>
> Joe
> in North Texas?
>
>
> [Non-text portions of this message have been removed]

ECSS, or Exalted-Carrier Single Sideband, is a standard and very effective technique, proven over decades of use by radio operators. The simple explanation is, using SSB to tune an AM standard carrier signal containing two sidebands. Accuracy and stability are necessary to accomplish the best ECSS, something which is practically unattainable even with with many of today's PLL receivers.

With "step-tuned" receivers, increments as large as 50 Hz or more can prevent precise tuning with ECSS. The AM carrier must be "zero-beat" with respect to the receiver's BFO/local oscillator. The two biggest advantages of ECSS tuning, in a receiver capable of doing it well (such as the R75), are:

1) Minimizing the effects of AM signal fading, resulting in greatly reduced distortion;

2) Reducing the filter bandwidth required to process the received signal, thus enabling the use of narrower filter passbands to reduce interference.

The latter effect results from the fact that only one of the two AM sidebands is required for signal reception. The opposite sideband can be dispensed with, resulting in a much narrower usable bandwidth.

Since SSB receivers typically employ narrower filters, the reduced bandwidth requirements allowed by ECSS tuning can be used to great effect in reducing adjacent-station interference and "splatter".

The choice of which sideband to use, is often dictated by whichever sideband is closest to an interfering signal. By merely selecting the sideband which produces the least amount of interference, you can

get "two for the price of one" benefits in fighting interference.

I have found the technique produces excellent results with bandwidths ranging from around 2.5 KHz and up. Icom offers a 2.8KHz filter and a 3.3 KHz filter, both of which produce good results for general SWL.

The technique is also much less expensive to achieve, than by adding expensive aftermarket accessories and modifying circuitry. Much greater "bang for the buck" and you don't have to worry about filter mismatching and the ruining of factory "circuitechtures".

Hope this answers your questions!

Dan

477. Re: ECSS

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-16 01:15:54 UTC
From: Jason G.
Topic: 81 Message: 477

Joe,

Danny B. explained the 1st part very well to you.

That cut off point you mention is roughly around 10MHz.
Lower frequencies will use LSB, higher frequencies USB.

--- In icomr75@y..., rem1875@a... wrote:
> OK can someone give me what this is the abbreviation for and how
its done? I
> suspect it is just switching to single sideband to narrow out
unwanted
> interference? Been doing that for years but is this it?
> Also what is the general rules for use of USB Vs LSB? I know there
was a cut
> off point recommended but in what freq range?
>
> Joe
> in North Texas?
>
>
> [Non-text portions of this message have been removed]

478. Re: R75 New Pricing and Bonus Offer!

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-16 01:29:53 UTC
From: Jason G.
Topic: 473 Message: 478

Well Danny I bought mine from Universal in December for $569.99 too including the book and the DSP unit, which Icom sent me in less than 10 days. I'm sure that several other colleagues here in the e-Group (?!) took advantage of that offer which ran 'til the end of the year I think. But you're right, the price they have now is very good too, I agree. They will also offer you support if necessary.

There have been reports of other, 'lesser' dealers luring prospective R75 buyers with prices of less than $500.00 (C.T. Morgan at hamfests, etc.) But...what about a solid warranty and service afterwards? Can you count on that? Hmmmm! Besides, it doesn't include the nice-to-have DSP factor, then an over $100 expense if wanted.

So...how much are you going to ask for the SW-2?

J a s o n

--- In icomr75@y..., DanJBlack@p... wrote:
> Hi!
>
> Universal Radio is now offering the Icom IC-R75 at a great price of
> $569.99. In addition, the UT-106 DSP unit is available with the
> purchase of a new R75, for just $39.95. This makes for an
incredible
> deal, considering what I paid for mine! I have not seen this
> combination priced lower, EVER, brand-new and with full warranty.
>
> I am taking advantage of this offer, even though I presently own an
> R75. Too good to pass up, and I can outfit the receiver with a
> different filter combination for amateur SSB and data/utility use.
> I have been looking for a good receiver to increase my enjoyment of
> the radio hobby, but have found nothing better for the money than
the
> R75. So, why not just get another, instead of compromising on
> something less?
>
> In addition to the receiver and DSP special, Universal is including
> an antenna book in the offer! This company is one of my top
sources
> for equipment and accessories, and I feel their service is
excellent.
> For anyone interested in picking up this great all-purpose
receiver,
> I hope this posting will help in deciding on its purchase.
>
> Please note: I have no affiliation or connection with Universal

> Radio in any way. This is strictly my own viewpoint, as an R75
owner
> and customer of Universal Radio.
>
> ALSO: I will soon have up for sale, a nice Drake SW2 receiver with
> selectable sideband synchronous detection, as found in the much
> costlier Drake R8B. This unit will be for sale upon receipt of my
> new R75, if anyone is interested in a moderately-priced SWL rig.
>
>
> Best Regards,
>
> Dan

479. RE: [icomr75] Re: ECSS

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-16 03:02:33 UTC
From: Enrique A. Wembagher
Topic: 81 Message: 479

Good remark Jason

73?s
Enrique

> Joe,
>
> Danny B. explained the 1st part very well to you.
>
> That cut off point you mention is roughly around 10MHz.
> Lower frequencies will use LSB, higher frequencies USB.

480. RE: [icomr75] Re: ECSS

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-16 03:02:40 UTC
From: Enrique A. Wembagher
Topic: 81 Message: 480

Danny, your explanation was excelent !

Enrique

> > [Non-text portions of this message have been removed]
>
> ECSS, or Exalted-Carrier Single Sideband, is a standard and very
> effective technique, proven over decades of use by radio operators.

481. Re: [icomr75] ECSS

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-16 04:18:35 UTC
From: khgrant@ix.netcom.com
Topic: 81 Message: 481

On Thursday 15 March 2001 08:45, you wrote:
> OK can someone give me what this is the abbreviation for and how its done?
> I suspect it is just switching to single sideband to narrow out unwanted
> interference? Been doing that for years but is this it?
> Also what is the general rules for use of USB Vs LSB? I know there was a
> cut off point recommended but in what freq range?
>
> Joe
> in North Texas?
>
>
> [Non-text portions of this message have been removed]
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>

ECSS - Exalted Carrier Single Sideband - A method of using single sideband to tune AM broadcasts. For those that don't have synchronous detection, this works pretty well.

Generally, on amature bands LSB is used below 10 MHz, USB above. But if you are listening to utilities or military, they almost all use USB. Just depends on what you are listening to.

Keith
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

482. Updated Smart Icom Control 32

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-17 16:40:23 UTC
From: Mark J. Fine
Topic: 227 Message: 482

List Users,

Based on a tip by Keith Grant last weekend, a rather significant bug was found that caused problems when modifying memory channels. Here is the full list of fixes:
- Fixes Antenna, Attenuator and Preamp items in Modify Memory.
- Fixes single-channel memory fills when doing Insert or Modify Memory.
- Fixes Notes to allow 2 extra numeric characters (for total of 8) when naming channels.

A fixed version (Version 3.24e) has been uploaded to our web site at: http://www.fineware-swl.com/sic.html.

Upgraders are reminded that they should install the update using the "Compact" option, which only updates the executable program.

73,

Mark J. Fine / mark.fine@...

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- Owner/Proprietor, FineWare: http://www.fineware-swl.com
- East Coast Monitor, Monitoring Times: http://www.grove-ent.com
- English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa
- CumbreLite Editor, Cumbre DX: http://www.cumbredx.org

483. Re: ECSS

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-17 17:09:46 UTC
From: DanJBlack@prodigy.net
Topic: 81 Message: 483

--- In icomr75@y..., "khgrant@i..." <khgrant@i...> wrote:
> On Thursday 15 March 2001 08:45, you wrote:
> > OK can someone give me what this is the abbreviation for and how its done?
> > I suspect it is just switching to single sideband to narrow out unwanted
> > interference? Been doing that for years but is this it?
> > Also what is the general rules for use of USB Vs LSB? I know there was a
> > cut off point recommended but in what freq range?
> >
> > Joe
> > in North Texas?
> >
> >
> > [Non-text portions of this message have been removed]
> >

> ECSS - Exalted Carrier Single Sideband - A method of using single sideband to
> tune AM broadcasts. For those that don't have synchronous detection, this
> works pretty well.

RE: More accurately, for those who DO have synchronous detectors, but whose receivers "tie" synchronous detection to the AM mode only, thus precluding the use of the receiver's superior SSB filter matrix. Even with sideband-selectable detectors, AM-mode filters are often too wide to be effective.

This in turn, limits the user's choice of tools to fight interference to merely switching off one sideband or the other---a much less effective tool, on its own. In such circumstances, ECSS will produce better results if the SSB filter bandwidth is appropriate.

Unfortunately, there are many receivers on the market which feature synchronous detectors, but are woefully inadequate when attempting ECSS techniques. This can be due to lack of stability, tuning increments that are too large to allow BFO centering, lack of adequate SSB filtering or any combination of these.

In fact, some manufacturers of receivers employing sync detectors, use the feature to allow design shortcuts in these areas, since synchronous detectors can compensate to a degree for shortcomings in stability and filtering. This is one reason why SD is so beneficial to radios that do not support ECSS well.

Danny

484. Re: ECSS

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-18 18:40:20 UTC
From: Michael Moore
Topic: 81 Message: 484

--- In icomr75@y..., rem1875@a... wrote:
> OK can someone give me what this is the abbreviation for and how its done? I
> suspect it is just switching to single sideband to narrow out unwanted
> interference? Been doing that for years but is this it?

ECSS - Exalted Carrier Selectable Sideband

There seems to be some confusion between ECSS and the ECSS "technique". In the former, the original carrier is phase-locked and a synthetic carrier is reinserted -- hence, "exalted carrier". "ECSS" appears to be a synonym for "synchronous selectable sideband". In fact, JRC refers to the sync detector on the NRD-545 as "ECSS", while Passport to World Band Radio refers to the same feature on the NRD-545 as "synchronous selectable sideband".

The ECSS "technique" on the other hand is *not* ECSS. Rather, it a method employed by operators to achieve *some* of the benefits of ECSS. That is to say, the operator tunes in the AM transmission using USB or LSB, then "zero-beats" or adjusts the receiver's tuned frequency as close as possible to the station's freqency, attempting to remove the beating that results from the receiver not being right on frequency. The tecnique is most effective in radios that have both high stability and small tuning increments (i.e. 1 Hz).

While the ECSS "technique" can produce some benefits in the appropriate radios, it is no substitute for a synchronous detector. The ECSS technique will still suffer from selective fading. The tecnique is inconvenient, with at least some phase mismatch and occasional retuning required (and a loss of volume in the R75). However, with a poorly implemented synchronous detector or with a double sideband only synchronous detector, there will be many occasions where the the ECSS technique will be preferred over the sync detector, assuming one has an appropriate radio like the R75).

--
Michael Moore

485. Re: ECSS

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-18 19:38:31 UTC
From: rem1875@aol.com
Topic: 81 Message: 485

Thank u Dan and all
I never have done well with text books, in the military the gave me a kind of 'scholastic narcalepsy' the was often mistaken for sleep :)

Your excellent explanation raise a few more questions with me. I think I almost have it so please bear with me. I realize this is off topic but I think I am close to a better understanding of my receiver.
I was apparently mistakenly that for normal broadcast the sine wave produced was a single wave changing in amplitude, width and frequency. I am aware the SSB bisects the wave into upper and lower waves but I am a bit confused.
U mention 2 side bands. (which makes sense as they are called side bands) Are these the outer width of the single wave or are they different?
These would be what is synchronized by S-AM ? zeroed by bfo?
I realize if we increase the speed; i.e., the frequency-that is what we do when we tune a radio, increase in amplitude corresponds to how loud or signal strength? So most of what we are doing is corresponds with width?
Thanks
Joe
confused
In North Texas

>
> ECSS, or Exalted-Carrier Single Sideband, is a standard and very
> effective technique, proven over decades of use by radio operators.
> The simple explanation is, using SSB to tune an AM standard carrier
> signal containing two sidebands. Accuracy and stability are
> necessary to accomplish the best ECSS, something which is practically
> unattainable even with with many of today's PLL receivers.
>
> With "step-tuned" receivers, increments as large as 50 Hz or more can
> prevent precise tuning with ECSS. The AM carrier must be "zero-beat"
> with respect to the receiver's BFO/local oscillator. The two biggest
> advantages of ECSS tuning, in a receiver capable of doing it well
> (such as the R75), are:
>
> 1) Minimizing the effects of AM signal fading, resulting in greatly
> reduced distortion;
>
> 2) Reducing the filter bandwidth required to process the received
> signal, thus enabling the use of narrower filter passbands to reduce
> interference.
>
> The latter effect results from the fact that only one of the two AM
> sidebands is required for signal reception. The opposite sideband
> can be dispensed with, resulting in a much narrower usable bandwidth.

>
>
> Since SSB receivers typically employ narrower filters, the reduced
> bandwidth requirements allowed by ECSS tuning can be used to great
> effect in reducing adjacent-station interference and "splatter".
>
> The choice of which sideband to use, is often dictated by whichever
> sideband is closest to an interfering signal. By merely selecting
> the sideband which produces the least amount of interference, you can
> get "two for the price of one" benefits in fighting interference.
>
> I have found the technique produces excellent results with bandwidths
> ranging from around 2.5 KHz and up. Icom offers a 2.8KHz filter and
> a 3.3 KHz filter, both of which produce good results for general SWL.
>
> The technique is also much less expensive to achieve, than by adding
> expensive aftermarket accessories and modifying circuitry. Much
> greater "bang for the buck" and you don't have to worry about filter
> mismatching and the ruining of factory "circuitechtures".
>
>
> Hope this answers your questions!
>
> Dan
>
>

[Non-text portions of this message have been removed]

486. Re: ECSS

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-18 21:43:50 UTC
From: DanJBlack@prodigy.net
Topic: 81 Message: 486

--- In icomr75@y..., "Michael Moore" <m.moore@u...> wrote:
> --- In icomr75@y..., rem1875@a... wrote:
> > OK can someone give me what this is the abbreviation for and how its
> done? I
> > suspect it is just switching to single sideband to narrow out
> unwanted
> > interference? Been doing that for years but is this it?
>
> ECSS - Exalted Carrier SINGLE Sideband
>
> There seems to be some confusion between ECSS and the ECSS
> "technique". In the former, the original carrier is phase-locked and
> a synthetic carrier is reinserted -- hence, "exalted carrier".

RE: ECSS does not require phase-locking. Synchronous detection DOES require phase locking, to be called "synchronous". That is what SD does in the first place---it synchronizes the "synthetic" carrier (BFO) with the received signal's carrier. There is no "reinsertion". Without a second reference carrier/BFO, there can be NO phase locking. Hence, both methods employ the same process, with the exception of the synchronization itself.

"ECSS"
> appears to be a synonym for "synchronous selectable sideband".

RE: This may be part of the problem, because ECSS is NOT synonymous with synchronous detection. The two processes are separated by the act of phase-locking of BFO and received carrier. With ECSS, the phase cannot be "locked".

In
> fact, JRC refers to the sync detector on the NRD-545 as "ECSS", while
> Passport to World Band Radio refers to the same feature on the NRD-545
> as "synchronous selectable sideband".

RE: Whether or not the sidebands are selectable, has no bearing whatsoever on the synchronizing of the two carrier signals. Synchronization refers to the carrier and BFO components, not the sidebands. An unmodulated AM carrier can be phase locked the same as one with modulation. The term "synchronous selectable sideband" is misleading in this respect, and can be interpreted as meaning that the sideband is synchronized. Of course, this is not the case!

>
> The ECSS "technique" on the other hand is *not* ECSS. Rather, it a
> method employed by operators to achieve *some* of the benefits of
> ECSS.

RE: Refer to my earlier "RE", above. ECSS *is* ECSS! ECSS *is not*
synchronous detection. THIS is the confusion point. And I challenge
your statement that ECSS achieves only "*some*" of the benefits of
synchronous detection. ECSS differs from SD--ONLY--with respect to
the phase-locking of the carrier and BFO components.

That is to say, the operator tunes in the AM transmission using
> USB or LSB, then "zero-beats" or adjusts the receiver's tuned
> frequency as close as possible to the station's freqency,
attempting
> to remove the beating that results from the receiver not being
right
> on frequency. The tecnique is most effective in radios that have
both
> high stability and small tuning increments (i.e. 1 Hz).

RE: CORRECT! Exactly on target! Stability and accuracy are the two
KEY ingredients to successful ECSS operation. Which is why the method
does not work well with many of today's receivers, as I stated in the
beginning! Manufacturers can "cut corners" in these two areas,
because SD's side effects allow them some leeway to get away with it.
This keeps costs down, of course, but in the long run results in a
less stable and coarser-tuning product. There is always some price
to pay, and manufacturers can use SD to "cover their tracks".

> While the ECSS "technique" can produce some benefits in the
> appropriate radios, it is no substitute for a synchronous detector.

RE: Correction: It is no substitute for the benefits of a synchronous
detector in receivers that lack stability and accuracy in tuning. As
far as "appropriate radios", I contend that receivers are becoming
less and less "appropriate" these days to anything other than AM
broadcast (either MW or SW) reception, where stability and tuning
accuracy are less telling in their absence.

> The ECSS technique will still suffer from selective fading.

RE: So will SD. When the carrier of a signal fades to the point of
uselessness, both ECSS and SD will "provide" a detectable carrier.
Since the signal's carrier at that point is no longer usable, there
is nothing left for the SD circuit to synchronize WITH, and phase
lock is lost. At that instant, therefore, there IS NO EFFECTIVE
DIFFERENCE between the two methods.

Synchronous detection cannot magically "resurrect" a fade-lost
carrier. When it's gone, it's GONE, and there is nothing any receiver
can do about it! When this happens, both ECSS and SD become equally

ineffective, as they are precisely the same thing at that instant.

The
> tecnique is inconvenient,

RE: If you mean, you can't push a button and make it happen then, yes. It could be called inconvenient. What I would call inconvenient, is trying ECSS on a receiver that can't support the technique. The R75 CAN, DOES, and works very well while doing so!

with at least some phase mismatch and
> occasional retuning required
(Quote courtesy of L. Magne)

RE: This is correct. Some phase mismatch is inevitable, because there is no synchronization circuit to correct it. As far as tuning, how occasionally it is needed, depends on the receiver's stability. I'd say most portables and lower-grade tabletops need more frequent retuning, if in fact they can establish zero-beat in the first place.

(and a loss of volume in the R75).

RE: I have only noticed a loss of NOISE volume, which is more attributable to the interference and hash being removed by the better filtering available in the R75's SSB modes. If this constitutes a loss of volume, then bring it on, baby!

> However, with a poorly implemented synchronous detector or with a
> double sideband only synchronous detector, there will be many
> occasions where the the ECSS technique will be preferred over the
sync
> detector, assuming one has an appropriate radio like the R75).

RE: You got THAT right, Michael! That's why the R75 "ROCKS" as a true "communications" receiver all-round. It is not a "one-ring performer" by any means, and handles a wide variety of radio communications tasks admirably.

> --
> Michael Moore

487. Re: ECSS

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-18 22:19:35 UTC
From: DanJBlack@prodigy.net
Topic: 81 Message: 487

--- In icomr75@y..., rem1875@a... wrote:
> Thank u Dan and all
> I never have done well with text books, in the military the gave me a kind of
> 'scholastic narcalepsy' the was often mistaken for sleep :)
>
> Your excellent explanation raise a few more questions with me. I think I
> almost have it so please bear with me. I realize this is off topic but I
> think I am close to a better understanding of my receiver.
> I was apparently mistakenly that for normal broadcast the sine wave produced
> was a single wave changing in amplitude, width and frequency.

RE: An A.M. signal changes in amplitude, but should not change in frequency. Ideally, there would be zero frequency change in an AM signal, but in reality there can be some minor changes in frequency resulting from effects along a signal's propagation path, particularly on shortwave frequencies where the ionosphere plays a role.

I am aware the
> SSB bisects the wave into upper and lower waves but I am a bit confused.
> U mention 2 side bands. (which makes sense as they are called side bands) Are
> these the outer width of the single wave or are they different?

RE: The sidebands of an AM signal are USB (carrier frequency + modulation) and the LSB (carrier frequency - modulation). A 1000-Hz tone modulating a conventional AM carrier of 100,000 Hertz will produce sidebands of: (upper)101,000 Hz and (lower)99,000 Hertz frequencies.

> These would be what is synchronized by S-AM ? zeroed by bfo?

RE: No, what is synchronized is the carrier itself or, more accurately, the down-mixed carrier after it has been processed by one or more I-F stages before detection. The BFO generates a signal matching the frequency of whatever the I-F stage is operating at.

> I realize if we increase the speed; i.e., the frequency-that is what we do
> when we tune a radio, increase in amplitude corresponds to how loud or signal

> strength? So most of what we are doing is corresponds with width?

RE: When we tune a radio receiver, either FM or AM, the frequency is what we are tuning. The modulation applied to the carrier in an AM signal affects its amplitude, or "height" from either side of its center frequency. The carrier frequency itself should remain constant. The modulation applied to a carrier in an FM signal, will vary its frequency, while its amplitude remains constant.

> Thanks

> Joe
> confused
> In North Texas
>
>
> >
> > ECSS, or Exalted-Carrier Single Sideband, is a standard and very
> > effective technique, proven over decades of use by radio
operators.
> > The simple explanation is, using SSB to tune an AM standard
carrier
> > signal containing two sidebands. Accuracy and stability are
> > necessary to accomplish the best ECSS, something which is
practically
> > unattainable even with with many of today's PLL receivers.
> >
> > With "step-tuned" receivers, increments as large as 50 Hz or more
can
> > prevent precise tuning with ECSS. The AM carrier must be "zero-
beat"
> > with respect to the receiver's BFO/local oscillator. The two
biggest
> > advantages of ECSS tuning, in a receiver capable of doing it well
> > (such as the R75), are:
> >
> > 1) Minimizing the effects of AM signal fading, resulting in
greatly
> > reduced distortion;
> >
> > 2) Reducing the filter bandwidth required to process the received
> > signal, thus enabling the use of narrower filter passbands to
reduce
> > interference.
> >
> > The latter effect results from the fact that only one of the two
AM
> > sidebands is required for signal reception. The opposite
sideband
> > can be dispensed with, resulting in a much narrower usable
bandwidth.

> >
> >
> > Since SSB receivers typically employ narrower filters, the
reduced
> > bandwidth requirements allowed by ECSS tuning can be used to
great
> > effect in reducing adjacent-station interference and "splatter".
> >
> > The choice of which sideband to use, is often dictated by
whichever
> > sideband is closest to an interfering signal. By merely
selecting
> > the sideband which produces the least amount of interference, you
can
> > get "two for the price of one" benefits in fighting interference.
> >
> > I have found the technique produces excellent results with
bandwidths
> > ranging from around 2.5 KHz and up. Icom offers a 2.8KHz filter
and
> > a 3.3 KHz filter, both of which produce good results for general
SWL.
> >
> > The technique is also much less expensive to achieve, than by
adding
> > expensive aftermarket accessories and modifying circuitry. Much
> > greater "bang for the buck" and you don't have to worry about
filter
> > mismatching and the ruining of factory "circuitechtures".
> >
> >
> > Hope this answers your questions!
> >
> > Dan
> >
> >
>
>
>
>
>
>
> [Non-text portions of this message have been removed]

488. Passband Shift and How To Use It--Reference

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-20 17:58:07 UTC
From: DanJBlack@prodigy.net
Topic: 488 Message: 488

The February and March editions of QST magazine, contain articles dealing with IF shift and passband tuning techniques to improve reception quality and reduce interference. These are EXCELLENT REFERENCES for all radio operators, and go into depth with support examples on using the feature. The articles pertain to two amateur radio transceivers, but much of the info will apply to the R75, or any receiver with passband shift (R8B, etc.)

The articles describe effective uses of RF gain and attenuator controls, to lower the signal+noise floor into more effective regions of the IF filter skirt, thus sharply reducing adjacent-station interference. Also covered are when to use AGC and when to shut it off.

In short, it's a training primer on proper receiver operation, which many SWL's and MW'ers can benefit from, not just hams. Check them out! You will gain a greater appreciation of the hobby, improve your enjoyment of ECSS and AM tuning methods, and learn why the controls are put there in the first place!

QST is available at better book/magazine shops, or thru the ARRL.

Danny

489. R75 frequency display

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-22 18:15:58 UTC
From: Michael Moore
Topic: 489 Message: 489

Hi,

My R75 display is off. At 1 MHz the display is dead-on freqency but at 10 MHz the displayed frequency is greater than the actual frequency by about 50 Hz. Is there a simple adjustment that I can make? I asked Icom Canada, and they responded with "a 50 Hz frequency error is a minimal error. This can be error in test equipment or pass probes etc. {sic]"

Yeah, right! The error is with the R75 display -- 50 Hz is more than enough to affect SSB reception -- for example, on my radio, SSB will sound OK at 70 Hz below the displayed frequency up to about 30 Hz below frequency. Besides the inaccurate display, this makes tuning in 1kHz steps a great annoyance. Same goes for for tuning in AM signals in SSB mode.

I've check this with various transmissions and also checked the frequency displayed on other radios. So this isn't just drift. I also have the CR282 high stability crystal installed.

So if anyone can tell me how to make the adjustment, I'd greatly appreciate it.

--
Michael Moore

490. Re: [icomr75] R75 frequency display

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-22 19:16:29 UTC
From: Krister Eriksson SM6KRI
Topic: 489 Message: 490

> also have the CR282 high stability crystal installed.
>

I belive that after an installation of the crystal, it might be necessary to make some realignment of the reference frequency. Just look in the manual how to perform this.

Krister Eriksson

Amateurradio: SM6KRI
Homepage: http://www.qsl.net/sm6kri

----- Original Message -----
From: "Michael Moore" <m.moore@utoronto.ca>
To: <icomr75@yahoogroups.com>
Sent: Thursday, March 22, 2001 7:15 PM
Subject: [icomr75] R75 frequency display

491. Re: R75 frequency display

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-22 19:36:57 UTC
From: Michael Moore
Topic: 489 Message: 491

--- In icomr75@y..., "Krister Eriksson SM6KRI" <sm6kri@t...> wrote:
> > also have the CR282 high stability crystal installed.
> >
>
> I belive that after an installation of the crystal, it might be
necessary to make some realignment of the reference frequency. Just
look in the manual how to perform this.
>
> Krister Eriksson

I assumed this was already done the CR282 was installed. Thing is
that the manual only notes one adjustment to make when installing the
crystal. And as I said, the frequency display seems dead on at lower
frequencies.

--
Michael Moore

492. SV: [icomr75] Re: R75 frequency display

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-22 21:35:11 UTC
From: Johan Letterstål
Topic: 492 Message: 492

It seems that this error is quite common on R75's. My own unit is off appx +20Hz on higher frequencies.
According to the manual, adjusting L2 on the PLL board should clear this out.
For Gert Nilsson: Gert, you did this if I remember it correctly? Did you use any particular procedure?
/Johan L Sweden

-----Ursprungligt meddelande-----
Från: Michael Moore <m.moore@utoronto.ca>
Till: icomr75@yahoogroups.com <icomr75@yahoogroups.com>
Datum: den 22 mars 2001 20:37
Ämne: [icomr75] Re: R75 frequency display

>--- In icomr75@y..., "Krister Eriksson SM6KRI" <sm6kri@t...> wrote:
>> > also have the CR282 high stability crystal installed.
>> >
>>
>> I belive that after an installation of the crystal, it might be
>necessary to make some realignment of the reference frequency. Just
>look in the manual how to perform this.
>>
>> Krister Eriksson
>
>I assumed this was already done the CR282 was installed. Thing is
>that the manual only notes one adjustment to make when installing the
>crystal. And as I said, the frequency display seems dead on at lower
>frequencies.
>
>--
>Michael Moore
>
>
>
>
>To unsubscribe from this group, send an email to:
>icomr75-unsubscribe@egroups.com
>
>
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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>
>

493. Re: [icomr75] Re: R75 frequency display

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-23 05:23:47 UTC
From: Gert Nilsson
Topic: 489 Message: 493

I did this adjustment. It is very easy to perform. Most international broadcasters are very accurate. I used RFI in Paris in the 21 MHz band. BBC will also be fine. Use USB or LSB and adjust L2 for the correct zero beat. Wide selectivity make this ajustment easier because the lower audiofrequencies are not cut by the filters.
----- Original Message -----
From: Johan Letterstål
To: icomr75@yahoogroups.com
Sent: Thursday, March 22, 2001 9:35 PM
Subject: SV: [icomr75] Re: R75 frequency display

It seems that this error is quite common on R75's. My own unit is off appx +20Hz on higher frequencies.
According to the manual, adjusting L2 on the PLL board should clear this out.
For Gert Nilsson: Gert, you did this if I remember it correctly? Did you use any particular procedure?
/Johan L Sweden

-----Ursprungligt meddelande-----
Från: Michael Moore <m.moore@utoronto.ca>
Till: icomr75@yahoogroups.com <icomr75@yahoogroups.com>
Datum: den 22 mars 2001 20:37
Ämne: [icomr75] Re: R75 frequency display

>--- In icomr75@y..., "Krister Eriksson SM6KRI" <sm6kri@t...> wrote:
>> > also have the CR282 high stability crystal installed.
>> >
>>
>> I belive that after an installation of the crystal, it might be
>necessary to make some realignment of the reference frequency. Just
>look in the manual how to perform this.
>>
>> Krister Eriksson
>
>I assumed this was already done the CR282 was installed. Thing is
>that the manual only notes one adjustment to make when installing the
>crystal. And as I said, the frequency display seems dead on at lower
>frequencies.
>
>--
>Michael Moore
>
>
>
>
>To unsubscribe from this group, send an email to:
>icomr75-unsubscribe@egroups.com

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>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

494. Re: R75 frequency display

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-25 18:59:56 UTC
From: Michael Moore
Topic: 489 Message: 494

--- In icomr75@y..., "Gert Nilsson" <gert.nilsson@m...> wrote:
> I did this adjustment. It is very easy to perform. Most
> international broadcasters are very accurate. I used RFI in Paris in
> the 21 MHz band. BBC will also be fine. Use USB or LSB and adjust L2
> for the correct zero beat. Wide selectivity make this
> ajustment easier because the lower audiofrequencies are not cut by
> the filters.

Thanks Gert. This worked well.

--
Michael Moore

495. "Scanning" w/R75??

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-27 03:44:51 UTC
From: swardfoto@aol.com
Topic: 495 Message: 495

I'm debating whether to purchase an R75 or a R8B. My main interest will be UTE monitoring.

What I really would like to know is how well does the R75 "scan" freqs? Can the squelch be set independent of the RF gain?

I'm leaning toward the R75 becuase it's UTE capabilities are excellent (plus the fact that it's at least half as expensive as the R8B), but I would like to have some "scanning" capabilities.

Any feedback is greatly appreciated,

sward

496. Re: [icomr75] "Scanning" w/R75??

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-27 06:17:53 UTC
From: khgrant@ix.netcom.com
Topic: 495 Message: 496

On Monday 26 March 2001 19:44, you wrote:
> I'm debating whether to purchase an R75 or a R8B. My main interest
> will be UTE monitoring.
>
> What I really would like to know is how well does the R75 "scan"
> freqs? Can the squelch be set independent of the RF gain?
>
> I'm leaning toward the R75 becuase it's UTE capabilities are
> excellent (plus the fact that it's at least half as expensive as the
> R8B), but I would like to have some "scanning" capabilities.
>
> Any feedback is greatly appreciated,
>
> sward
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

The R75 does make a good UTE reciever!
The R75 can scan. The squelch and RF gain are tied together on the same knob in an interesting way. Minimum gain is at the 7 oclock position, max is at 12 oclock. turning further to the right is squelch control, with max squelch (I think that is how you describe it) at the 5 oclock position. Squelch breaks open near the 1 oclock posiiton. I hope you can understand my description. You can also configure the control so it is RF gain only (no squelch), or squelch only (full RF gain).

I'm not sure what your interest was. When using squelch, RF gain is at maximum.

I don't think you wlll be dissapointed with a R75.

Keith

497. Re: "Scanning" w/R75??

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-28 12:13:07 UTC
From: Scott Medlin
Topic: 495 Message: 497

I'm very pleased with the scanning capabilities of the R75. Check back
further in the message archives for this board to read about "Select
Memory Scanning"

73's de KF4GNL

Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
http://personal.mail.yahoo.com/?.refer=text

498. Passband Tuning + Filters

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-29 23:30:46 UTC
From: bobs@aaahawk.com
Topic: 498 Message: 498

Got my R75 yesterday and am in the learning stage. So far so good. I installed the DSP unit and that seems to work well.
At this point I have a couple of questions I need answered.

1. Should the Passband work in the AM mode? Mine doesn't.

2. The entire subject of filters confuses me. What are 9MHz IF filters vs 455 KHz IF filters? Which filters are in my stock R75? In AM mode which filters are used for N, W? Same qustion while in SSB? I know this is probably basic to most but if you can I need a little help.

Thanks.....More questions will probably follow.

Bob

499. Re: Passband Shift and How To Use It--Reference

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-29 23:56:53 UTC
From: bobs@aaahawk.com
Topic: 488 Message: 499

Danny,

Thanks for all your info. My local county library doesn't carry QST
but one of the branches about 30 miles away will copy and sent to
me. I need the article titles, month of publication and page #s. It
would be great if you could provide that info.
BTW, neither issue is currently in the stores.

Thanks...Bob

-- In icomr75@y..., DanJBlack@p... wrote:
> The February and March editions of QST magazine, contain articles
> dealing with IF shift and passband tuning techniques to improve
> reception quality and reduce interference. These are EXCELLENT
> REFERENCES for all radio operators, and go into depth with support
> examples on using the feature. The articles pertain to two amateur
> radio transceivers, but much of the info will apply to the R75, or
> any receiver with passband shift (R8B, etc.)
>

500. Re: Passband Tuning + Filters

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-30 03:55:12 UTC
From: Michael Moore
Topic: 498 Message: 500

--- In icomr75@y..., bobs@a... wrote:
> Got my R75 yesterday and am in the learning stage. So far so good.
I
> installed the DSP unit and that seems to work well.
> At this point I have a couple of questions I need answered.
>
> 1. Should the Passband work in the AM mode? Mine doesn't.

It works in AM mode but most folks wouldn't be able to tell. The PBT will shift the passband +-1.29 kHz (with the wider filters). So with the stock filter available for AM (which is 6 kHz nominal -- probably much closer to 7 in reality), there isn't enough shift in the passband to cause most folks to notice. However, with a 3.8 kHz filter (replacing the 15 kHz 450 IF filter) installed or with the optional 3.3 kHz 455 kHz IF filter (from Icom) installed, the PBT clearly demonstrates that it works in AM mode.

> 2. The entire subject of filters confuses me. What are 9MHz IF
> filters vs 455 KHz IF filters? Which filters are in my stock R75? In
> AM mode which filters are used for N, W? Same qustion while in SSB?
I
> know this is probably basic to most but if you can I need a little
> help.

See page 18 of the manual for a listing of the filters.

The radio has a triple conversion design. Incoming signals of the selected frequency (i.e. the frequency on your display) are converted to an intermediate frequency (for processing, filtering, etc.) There are three conversion stages in the R75 -- the 1st one at approx. 69 MHz, 2nd one at approx. 9 MHz, and the 3rd one at either 455 kHz or 450 kHz depending on the filter selected. Icom has placed slots for two optional filters, one each at the 9 MHz IF and again at the 455 kHz IF. The outer PBT control shifts the passband of the 9 MHz IF, while the inner PBT control shifts the passband of the 455 kHz IF.

You may want to read the past messages in this group relating to filter selection.

You select which combination of filters (one 9MHz IF filter and one 455/450 kHz IF filter for each setting from the available filters installed in your radio) are used for the "N", "W", and normal (no indicator) settings. See page 19 of the manual.

--
Michael Moore

501. Kiwa Mods to R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-30 04:37:42 UTC
From: Michael Moore
Topic: 501 Message: 501

I've had my R75 back for Kiwa for about a week and a half now, but have had only little time to play with it. Nonetheless, I notice distinct improvements. Here is my initial impressions:

The AGC fix and perhaps to some extent, the audio mod, really removes the distortion that, previously, was particularly noticable in the AM mode. Now the audio is *extremely* clear and isn't easily affected by fading signals as it was before the mod. This modification is so good that the sync mod then becomes alot less important. (I'm unsure as to how much is attributable to the AGC mod and how much is attributable to the audio mod.) I tried feeding the audio into an Optimus PRO-X44AV speaker. The audio was absolutely fabulous (although only average dynamic range). The sound was full and had a good bass. Before the mods, with the external speaker connected, the AM distortion was so noticeable as to make listening with an external speaker unpleasant. Now, it is very pleasant.

The sync detector now works, ie. it maintains lock. It whistles when gaining lock and whistles when it loses lock. From the sounds of the whistling when the sync detector locks, relocks when tuning, and loses lock on faint signals, etc., it sounds just like Rado described concerning his ver 1.1 mod. While testing it on a *very weak* station, it kept whistling/howling (before the mod, it seemed to make no attempt to gain lock). With the dramatic improvement to the straight AM, it's now somewhat more difficult to find signals (with rapid fades) that would easily demonstrate the difference between the sync AM and straight AM. Nonetheless, in the sync AM mode, audio and especially music appeared to suffer less from fading.

The addition of the 3.8 kHz filter is just what the doctor ordered. This is a perfect width for narrow AM/S-AM. I tried it on Radio Havana, which had one sideband being interfered with. With sync AM, the 3.8 kHz filter and the inner PBT control turned to one side, the signal came in clear and sounded beautiful. I had been considering buying another 3.3 kHz filter (many months ago, I had taken the one I had out of the R75 and put into the AR7030+) but with the 3.8 kHz filter installed by Kiwa, I have since changed my mind.

Also, the NR now seems to work better. On this point, I'm not really sure if this is just subjective on my part or not. Before the mods, the NR seemed to reduce signal and noise in equal proportions, rendering it rather useless. Now it doesn't seem to attenuate the signal as much (or it seems to reduce the noise more) as it did before -- actually making it useful.

These are *my* impressions. Your mileage may vary.

Cheers,

--
Michael Moore

502. Re: Passband Shift and How To Use It--Reference

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-31 01:38:15 UTC
From: DanJBlack@prodigy.net
Topic: 488 Message: 502

--- In icomr75@y..., bobs@a... wrote:
> Danny,
>
> Thanks for all your info. My local county library doesn't carry
QST
> but one of the branches about 30 miles away will copy and sent to
> me. I need the article titles, month of publication and page #s.
It
> would be great if you could provide that info.
> BTW, neither issue is currently in the stores.
>
> Thanks...Bob
>
> -- In icomr75@y..., DanJBlack@p... wrote:
> > The February and March editions of QST magazine, contain articles
> > dealing with IF shift and passband tuning techniques to improve
> > reception quality and reduce interference. These are EXCELLENT
> > REFERENCES for all radio operators, and go into depth with
support
> > examples on using the feature. The articles pertain to two
amateur
> > radio transceivers, but much of the info will apply to the R75,
or
> > any receiver with passband shift (R8B, etc.)

RE: Thanks, Bob! For others who are running into any difficulties locating this excellent information, the article is published in two parts---one each for the February and March 2001 QST issues. I feel the March issue is the one most R75 owners will "relate to", because the subject transceiver of the March article has a more similar bandpass shift control, than the one covered in the February issue.

The article is titled "How to Maximize Your Receiver's Effective Selectivity..." and is authored by Larry Scheff, w4QEJ. The March issue contains Part Two, on pp. 44-47. For those interested in Part One, it appears in February's QST on pp. 42-48.

The article, especially Part Two, offers a terrific visually-aided primer on passband tuning, filtering and the use of attenuation/RF gain as weapons against interference. It may also serve to highlight the TRUE importance of these features, to those who are accustomed to using their RF gain and attenuator controls strictly as "overload dampers". I hope many will gain a new respect for their R75's after reading this article, and particularly Part Two.

Good Listening!!

Danny
> >

503. Re: [icomr75] Re: Passband Shift and How To Use It--Reference

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-31 13:39:27 UTC
From: Bob Barr
Topic: 488 Message: 503

Last weekend I found the March issue of QST at Barnes
and Noble bookstore. I haven't had time to read the
article yet (who do I talk to to get the length of a
day changed to 48 hours instead of the inadequate 24?)

:-) Bob

--- DanJBlack@... wrote:
> --- In icomr75@y..., bobs@a... wrote:
> > Danny,
> >
> > Thanks for all your info. My local county library
> doesn't carry
> QST
> > but one of the branches about 30 miles away will
> copy and sent to
> > me. I need the article titles, month of
> publication and page #s.
> It
> > would be great if you could provide that info.
> > BTW, neither issue is currently in the stores.
> >
> > Thanks...Bob
> >

_____
Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
http://personal.mail.yahoo.com/?.refer=text

504. RE: [icomr75] Re: Passband Shift and How To Use It--Reference

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-03 01:05:00 UTC
From: Enrique A. Wembagher
Topic: 488 Message: 504

Would somebody take an image of the articulate and would it share it with
the r75users ?
Here it is very difficult to get those articles.
For that commented it should be very interesting.

Saludos cordiales,
Enrique

> > -- In icomr75@y..., DanJBlack@p... wrote:
> > > The February and March editions of QST magazine, contain articles
> > > dealing with IF shift and passband tuning techniques to improve
> > > reception quality and reduce interference. These are EXCELLENT
> > > REFERENCES for all radio operators, and go into depth with
> support
> > > examples on using the feature. The articles pertain to two
> amateur
> > > radio transceivers, but much of the info will apply to the R75,
> or
> > > any receiver with passband shift (R8B, etc.)

505. Re: Passband Shift article in QST

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-04 22:02:17 UTC
From: mdm@cstone.net
Topic: 488 Message: 505

copying and posting these articles would violate our copyright laws.
QST has some old articles available at
http://www.arrl.org/qst/
but not these new ones.
in order to get the current ones, you must be a member of ARRL. maybe
somebody in your area is a member of arrl. these articles are very
good and explain PBT well.
regards
dennis

--- In icomr75@y..., "Enrique A. Wembagher" <Eawemb@i...> wrote:
> Would somebody take an image of the articulate and would it share it
with
> the r75users ?
> Here it is very difficult to get those articles.

> Saludos cordiales,
> Enrique

506. QST Article Reprints

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-04 22:16:34 UTC
From: Ian Johnson
Topic: 506 Message: 506

QST/QEX ARTICLE REPRINT ORDERING PROCEDURE

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Phone: 860-594-0278 Internet: hdalton@...

[Non-text portions of this message have been removed]

507. RE: [icomr75] Re: Passband Shift article in QST

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-04 23:40:16 UTC
From: Enrique A. Wembagher
Topic: 488 Message: 507

Thanks.
Enrique

> -----Mensaje original-----
> De: mdm@... [mailto:mdm@...]
> Enviado el: Mi?rcoles, 04 de Abril de 2001 19:02
> Para: icomr75@yahoogroups.com
> Asunto: [icomr75] Re: Passband Shift article in QST
>
>
> copying and posting these articles would violate our copyright laws.
> QST has some old articles available at
> http://www.arrl.org/qst/
> but not these new ones.
> in order to get the current ones, you must be a member of ARRL. maybe
> somebody in your area is a member of arrl. these articles are very
> good and explain PBT well.
> regards
> dennis
>
> --- In icomr75@y..., "Enrique A. Wembagher" <Eawemb@i...> wrote:
> > Would somebody take an image of the articulate and would it share it
> with
> > the r75users ?
> > Here it is very difficult to get those articles.
>
> > Saludos cordiales,
> > Enrique
>
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

508. USB Sound Files

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-07 22:43:59 UTC
From: Liam O`Connellan
Topic: 508 Message: 508

Hi everyone, I am in the process of buying the R75 minus the DSP.
The radio will solely be used for HF Airband. I have read the reviews in various mags and have come to the conclusion that it performs best for SSB reception. Thats not to say that the DSP will not be purchased at a future date. I use a MVT7100 for VHF Air and also a NASA HF-4E for HF Airband. i find the Nasa a great set but It requires a fairly large lump of wire to drive it plus a good earth connection for freq`s below 1Mhz. The earth certainly makes a big difference when hunting low stuff.
WhatI as hopeing is that someone might have some SSB sigs converted to sound so as to get an idea of the sound and quality of the rx.
If so please post them in and give us a listen...

Yours in anticpation,
Bill.

510. Re: [icomr75] Computer control of the R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-13 01:23:05 UTC
From: Mark J. Fine
Topic: 510 Message: 510

Short answer: All you need is a cable.

73,

Mark J. Fine / mark.fine@...

Serving the Shortwave Community since 1988:
- Owner/Proprietor, FineWare: http://www.fineware-swl.com
- East Coast Monitor, Monitoring Times: http://www.grove-ent.com
- English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa
- CumbreLite Editor, Cumbre DX: http://www.cumbredx.org

----- Original Message -----
From: <rsakabu@...>
To: <icomr75@yahoogroups.com>
Sent: Thursday, April 12, 2001 5:40 PM
Subject: [icomr75] Computer control of the R-75

> Do you need to buy/build an interface to conrol the R-75 from a PC or
> can you simply plug a cable from the the DB-9 connector to one of
> your COM ports? I know you need to level shift the +/- 12V if you
> are going to use the CI-V, but do you have to do it for the port
> labeled "RS-232C" also?
>
> Thanks

511. Re: [icomr75] Computer control of the R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-13 01:27:57 UTC
From: Radostin Danev
Topic: 510 Message: 511

Hi Rsakabu,

The DB-9 is true RS-232 port. No need of level converter, just cable.

Best regards,

Rado

----- Original Message -----
From: <rsakabu@...>
To: <icomr75@yahoogroups.com>
Sent: Friday, April 13, 2001 6:40 AM
Subject: [icomr75] Computer control of the R-75

> Do you need to buy/build an interface to conrol the R-75 from a PC or
> can you simply plug a cable from the the DB-9 connector to one of
> your COM ports? I know you need to level shift the +/- 12V if you
> are going to use the CI-V, but do you have to do it for the port
> labeled "RS-232C" also?
>
> Thanks
>
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> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
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>

512. Re: Computer control of the R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-13 14:47:02 UTC
From: rsakabu@pwav.com
Topic: 510 Message: 512

Oops,
I searched the previous posts for this topic and saw that it was already answered in the affirmative. Sorry about that folks.

I found a March issue of QST still in the racks and bought it to read about PBT. I'm interested in perhaps writing some software to automatically perform some of these functions like narrowing up the passband and increasing attenuation to eliminate the unwanted adjacent signals. Has anyone else tried this out?

513. Re: Computer control of the R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-13 23:05:51 UTC
From: ipsilone@softhome.net
Topic: 510 Message: 513

Hello,

It seems that the cable must be DB-9M to DB-9F null modem type ?
I can't find it in my city. The computer stores here have only DB-9F
to DB-9F null-modem. Thank you Icom for putting a female plug !

Somebody has the wiring diagram?

Eric in Trois-Rivieres, Canada

514. RE: [icomr75] Re: Computer control of the R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-13 23:10:39 UTC
From: Mark Veldhuis
Topic: 510 Message: 514

Hi,

> -----Original Message-----
> From: ipsilone@... [mailto:ipsilone@...]
> Sent: Saturday, April 14, 2001 1:06 AM
> To: icomr75@yahoogroups.com
> Subject: [icomr75] Re: Computer control of the R-75
>
>
> Hello,
>
> It seems that the cable must be DB-9M to DB-9F null modem type ?
> I can't find it in my city. The computer stores here have only DB-9F
> to DB-9F null-modem. Thank you Icom for putting a female plug !
>
> Somebody has the wiring diagram?

See if http://www.fineware-swl.com/faq.html is of any help...

73',
Mark Veldhuis.

515. DSP / ANF

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-13 23:30:33 UTC
From: Enrique A. Wembagher
Topic: 515 Message: 515

Hi list!
Today I discovered something no documented in the manual.
In the this, says that the ANF only works in SSB.
I listening a tropical radio station in S-AM with a whistle of quite annoying bottom, I push the ANF button and it eliminated the blow completely.

73?s
Enrique

516. Re: Computer control of the R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-14 15:46:06 UTC
From: ipsilone@softhome.net
Topic: 510 Message: 516

Hello Mark,

This faq explains that a simple RS-232 cable is ok to
control the IC-R75 (NOT the null modem).
I went to RS to buy part # 26-117 as suggested and it works fine.

Thank you very much for your help!

Eric

--- In icomr75@y..., "Mark Veldhuis" <veldhuis@d...> wrote:
> See if http://www.fineware-swl.com/faq.html is of any help...

>
> 73',
> Mark Veldhuis.

517. Re: Computer control of the R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-14 15:46:39 UTC
From: ipsilone@softhome.net
Topic: 510 Message: 517

```
--- In icomr75@y..., "Mark Veldhuis" <veldhuis@d...> wrote:
> Hi,
>
> > -----Original Message-----
> > From: ipsilone@s... [mailto:ipsilone@s...]
> > Sent: Saturday, April 14, 2001 1:06 AM
> > To: icomr75@y...
> > Subject: [icomr75] Re: Computer control of the R-75
> >
> >
> > Hello,
> >
> > It seems that the cable must be DB-9M to DB-9F null modem type ?
> > I can't find it in my city. The computer stores here have only DB-
9F
> > to DB-9F null-modem. Thank you Icom for putting a female plug !
> >
> > Somebody has the wiring diagram?
>
> See if http://www.fineware-swl.com/faq.html is of any help...
>
>
> 73',
> Mark Veldhuis.
```

518. R75 on LF?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-17 02:49:51 UTC
From: jsm@gulfislands.com
Topic: 518 Message: 518

I am thinking of purchasing an R75 for the main purpose of NDB and LF DXing. If you are using the R75 for LF/NDB work, your comments would be much appreciated.

I have read earlier postings about lack of sensitivity in this range. I understand that the preamp is automatically disabled here but probably for good reasons.

Is the R75 sensitive enough in the LF range?

Thanks in advance.

Steve

519. Re: [icomr75] R75 on LF?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-17 13:42:23 UTC
From: Bert
Topic: 518 Message: 519

I have picked up a reported LF station within my state (Texas) using the IC-R75.

It's all CW, though...and slow at that.

Reception is so-so, but I am just using an indoor RF Systems antenna.

(What is NDB?)

On Monday, April 16, 2001 21:49, jsm@... wrote:
>I am thinking of purchasing an R75 for the main purpose of NDB and LF
>DXing. If you are using the R75 for LF/NDB work, your comments would
>be much appreciated.
>
>I have read earlier postings about lack of sensitivity in this range.
>I understand that the preamp is automatically disabled here but
>probably for good reasons.
>
>Is the R75 sensitive enough in the LF range?
>
>Thanks in advance.
>
>Steve

520. Re: [icomr75] R75 on LF?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-17 14:06:03 UTC
From: Steve McDonald
Topic: 518 Message: 520

Thanks Bert.....an NDB is a "Non Directional Beacon"...they are located at airport runways and usually transmit a CW identifier, repeated every 10 seconds or so...there are thousands of them between 526 KHz and 200 KHz...they run around 25 watts and on nights of good propagation can be heard for thousands of miles!

Steve

(What is NDB?)

On Monday, April 16, 2001 21:49, jsm@... wrote:
>I am thinking of purchasing an R75 for the main purpose of NDB and LF
>DXing. If you are using the R75 for LF/NDB work, your comments would
>be much appreciated.
>
>I have read earlier postings about lack of sensitivity in this range.
>I understand that the preamp is automatically disabled here but
>probably for good reasons.
>
>Is the R75 sensitive enough in the LF range?
>
>Thanks in advance.
>
>Steve

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[Non-text portions of this message have been removed]

521. Re: [icomr75] R75 on LF?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-17 14:15:47 UTC
From: Bert
Topic: 518 Message: 521

hmmm...that's interesting because i picked up something in LF about 3 weeks ago that just re-broadcasts a CW identifier -over and over and over, but slowly - same characters all the time.

very consistent, and it's there every night.

i wonder if i managed to pick up an NDB?

needs further investigation...

On Tuesday, April 17, 2001 09:06, Steve McDonald <jsm@...> wrote:
>
> Thanks Bert.....an NDB is a "Non Directional Beacon"...they
>are located at airport runways and usually transmit a CW
>identifier, repeated every 10 seconds or so...there are
>thousands of them between 526 KHz and 200 KHz...they run around
>25 watts and on nights of good propagation can be heard for
>thousands of miles!
>
> Steve
>
> (What is NDB?)
>
>

522. AGC Mod and Hum

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-17 19:24:42 UTC
From: Scott Robson
Topic: 522 Message: 522

Hi everyone

I recently performed the first part of the famous Rado mod on my R75. I do not have the courage to lift pins so I don't plan on pursuing the S-AM mod part, but I was very interested in correcting the problem the R75 seems to have with competing AGC in AM mode. My SWL choices usually concentrate on fading signals (Murphy at work) so the mod seems perfect.

Indeed in my opinion it works. Fading signals are now less prone to producing white noise. However I have a very curious problem which I can't explain electronically at all. Some signals now seem to have a hum in the background (about 50-60 Hz which makes me think it has something to do with powerlines). Some signals however do not and are quite clear and crisp (even more so now). I honestly can't find anything consistant between thoses that hum and thoses that don't. It doesn't appear to be dependant on frequency, signal strength, time of day and the hum was happening before the recent solar flares. All WWV frequencies give me clear signals. I have hum on 9580 around 1100-1200z (Radio Australia) here in New England, USA. I have a computer on next to my radio most of the time, but the hum is present even when I turn the monitor and computer off. I have removed the capacitor and the hum goes away on signals that otherwise hummed. Also note, my wires from the board to the capacitor are perhaps excessively long but I have taped the capacitor to the front panel as described in Rado's mod. I don't know if that would matter.

Has anyone else experienced this? Can anyone with more electronic experience even guess at what might be going on? The hum level goes up and down too (seems to hum more when signal strength is high) and can be quite annoying as I do enjoy actually listening to AM audio from broadcast stations.

Thanx in advance

Scott Robson

P.S. anyone out there thinking of buying an R75 and think that this email is a criticism, think again. I think the R75 is a great radio for the price. You wont do better for your money.

--

Scott Robson (PhD Student)
Department of Biochemistry
UConn Health Centre
263 Farmington Avenue
Farmington, Connecticut 06032-3305 USA
---

http://psel.uchc.edu/~scott for web page
http://psel.uchc.edu/~scott/pubkey.txt for pgp key
(in case you have something naughty to write to me)

523. AM (MW)530-1700 Antenna ?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-18 06:18:51 UTC
From: rem1875@aol.com
Topic: 523 Message: 523

I am interested in using my R-75 for AM (MW)530-1700 and want to know if anyone has tried the TERK AM Advantage 1000 or the Gamma Loop Antenna? The Select-A-Tenna or the RF System's AA-2? Or anything else?
I beleive the Non-active loops work with the ferrite rod internal antenna ?
It appears that a directional antenna is needed?
Thanks
Joe
in North Texas

[Non-text portions of this message have been removed]

524. Re: [icomr75] AGC Mod and Hum

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-18 11:25:34 UTC
From: Radostin Danev
Topic: 522 Message: 524

Hi Scott,

> Some signals now seem to have a hum in the
> background (about 50-60 Hz which makes me think it has something to do
with
> powerlines). Some signals however do not and are quite clear and crisp
(even
> more so now). ... I have removed the capacitor and
> the hum goes away on signals that otherwise hummed.

That's interesting observation! I'll check myself when I have time. There are some signals (especially here in Asia) which have hum due to overloaded transmitter power supplies (China, Korea etc. like to push their transmitters as hard as possible). Also the frequency dependence (not station?) of the hum is strange. Before the AGC mod the AGC speed of the AM/S-AM IC is quite fast so it can probably follow the hum of the carrier.
Some questions:
1) What's the value of the capacitor you added?
2) Where did you make the capacitor ground connection?
3) Do you have another radio to check if it also shows the hum?
4) Try tuning the station in SSB (ECSS) ... is the hum there? You may need to adjust the PBT controls to pass lower frequencies. If the hum is also there in SSB then is removing the mod capacitor fixing it?
5) Can you try other stations on the exactly same frequencies as the humming ones (different time)?

Thanks for the mod feedback!
The goal is to make the radio as good as possible so any feedback is appreciated.

Best regards,

Rado

525. Re: [icomr75] AGC Mod and Hum

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-18 20:23:26 UTC
From: Scott Robson
Topic: 522 Message: 525

Hi Rado, thanx for the reply...

Radostin Danev wrote:

> That's interesting observation! I'll check myself when I have time. There
> are some signals (especially here in Asia) which have hum due to overloaded
> transmitter power supplies (China, Korea etc. like to push their
> transmitters as hard as possible).

Sometimes Radio Australia has hum other times it does not. It is dependent on what frequency it is on (same time of day). Same goes for
BBS signals retransmitted from a Canadian site (this time night time in Eastern USA).

> 1) What's the value of the capacitor you added?

The value you recommended in the mod. I think 220 uF? What ever you said in the mod file I found and used.

> 2) Where did you make the capacitor ground connection?

I scratched the surface near the screw as you mentioned in the mod and soldered it there. I actually made a real mess here and solder is
touching the screw. Would this matter?

> 3) Do you have another radio to check if it also shows the hum?

I plan to mp3 a sound file tommorow moring with the mod in place. Later that night I will remove the capacitor and rerecord the following
days broadcast for comparison. I don't have another SW radio unfortunately.

> 4) Try tuning the station in SSB (ECSS) ... is the hum there? You may need
> to adjust the PBT controls to pass lower frequencies. If the hum is also
> there in SSB then is removing the mod capacitor fixing it?

The SSB demod is mostly clear though there is some hum. No HF signal is ever clear of some hum though :) I don't know if the hum is due to
the mod in the case of SSB but my feeling is their is substantially more hum on AM now than there is on SSB. If there was the same hum on
SSB that would suggest a bad signal rather than a mod fault right?

> 5) Can you try other stations on the exactly same frequencies as the humming
> ones (different time)?

I'll give it a shot tonight.

> Thanks for the mod feedback!
> The goal is to make the radio as good as possible so any feedback is
> appreciated.

No problem. My fear is I might have burnt the AM chip a little and it is now not functioning properly. I'll follow your advice and get
back to you and the group on the mod. Maybe it is just me and a bad soldering job. I still think my wires are too long and that they may
be picking up a stray hum from inside the radio. Radio builders go to great lengths to internally sheild their radios. Having long wires
would go a long way to reversing that.

Thanx for the feedback

Scott

--

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Scott Robson (PhD Student)
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_____

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http://psel.uchc.edu/~scott/pubkey.txt for pgp key
(in case you have something naughty to write to me)

526. Re: R75 on LF?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-20 00:46:50 UTC
From: Gerry Busch
Topic: 518 Message: 526

My R-75 picks up lots of NDB stations between 150 and 420 kHz here in Saskatchewan, Canada. I haven't noticed any automatic disabling of the preamps, either, although it isn't advisable to use Preamp 2, as it tends to swamp the LF range of the receiver with strong signals from local stations in the AM broadcast band.

Gerry Busch

--- In icomr75@y..., jsm@g... wrote:
> I am thinking of purchasing an R75 for the main purpose of NDB and LF
> DXing. If you are using the R75 for LF/NDB work, your comments would
> be much appreciated.
>
> I have read earlier postings about lack of sensitivity in this range.
> I understand that the preamp is automatically disabled here but
> probably for good reasons.
>
> Is the R75 sensitive enough in the LF range?
>
> Thanks in advance.
>
> Steve

527. Test message; please ignore

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-21 23:50:15 UTC
From: Gerry Busch
Topic: 527 Message: 527

Test

528. FL-103 filter - newbie asks

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-23 14:59:27 UTC
From: esapeltola@hotmail.com
Topic: 528 Message: 528

I have got my R-75 now for one week. It is a great receiver, altough audio for BC listening is not as good as in my Lowe HF-150 receiver. In the quiet conditions of Finland I tried it and was amazed how chrystal clear the reception was. For the first time I was able to hear MW-stations from Iran, India and probably Korea. I guess the atmospheric conditions were favourable, too (Easter time). Now back to Luxembourg, the stations are different.
I am just learning to use my receiver, especially the filter settings and pass band tuning. I have optional 3,3 kHz filter in the 455 kHz IF and DSP-unit. To get the best out of pass band tuning I am purchising FL-103 2,8 kHz filter for 9 MHz IF. A German on-line shop is selling a
"FL-103 SSB-Quarzfilter 9MHz/5.6kHz for 706/761/765/775/781" with the prize of 106 DEM.
I am a little bit confused with this "5.6 kHz" specification. What does it mean? Can I be sure that it is the 2,8 kHz filter that I am looking for??? What is this 5.6 kHz then? More experienced people with ICOM products, please give ear.

Other thing that I don't understand is the function of AGC. How to use it and why there is a modification for it?

Esa Peltola
Luxembourg/Finland

529. Re: [icomr75] FL-103 filter - newbie asks

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-23 16:16:36 UTC
From: Gerry Busch
Topic: 528 Message: 529

esapeltola@... wrote:

> A German on-line shop is selling a "FL-103 SSB-Quarzfilter 9MHz/5.6kHz for
> 706/761/765/775/781" with the prize of 106 DEM.
> I am a little bit confused with this "5.6 kHz" specification. What
> does it mean? Can I be sure that it is the 2,8 kHz filter that I am
> looking for??? What is this 5.6 kHz then?

Hi, Esa. If the German company is selling a genuine FL-103, then it must be the 2.8 kHz filter, because that's how ICOM itself describes it. Guess they added the upper and lower sidebands together to come out with 5.6 kHz. Just make sure the filter is really by ICOM before you buy it.

> Other thing that I don't understand is the function of AGC. How to
> use it and why there is a modification for it?

The AGC will help keep fading signals a bit steadier, and will prevent you from overloading the receiver when you hit a strong station, to say nothing of saving your ears from sudden blasts of audio. When you tune a strong station in with the AGC on, try tuning away from the station for a moment and you'll hear the receiver's gain gradually recover, i.e. the background noise will be silent at first, and then return gradually. If you use F.AGC (fast AGC), it will recover faster than with just AGC (the slower setting).

I tend to use F.AGC when listening in sideband mode and AGC when listening in AM. The receiver is barely usable on strong signals with the AGC switched off altogether, due to extreme overload, unless you turn the RF gain way down, use the attenuator, etc.

Gerry Busch
Saskatchewan, Canada

530. Re: [icomr75] FL-103 filter - newbie asks

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-23 16:33:02 UTC
From: Gerry Busch
Topic: 528 Message: 530

Esa, shortly after my last message I noticed that the advertisement you quoted does not list the R-75 receiver among those radio model numbers, which all seem to be ham transceivers, so is this the same FL-103 that ICOM makes for the R-75?

Gerry

esapeltola@... wrote:
> A German on-line shop is selling a "FL-103 SSB-Quarzfilter 9MHz/5.6kHz for
> 706/761/765/775/781" with the prize of 106 DEM.

531. Re: FL-103 filter - newbie asks

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-24 07:13:24 UTC
From: esapeltola@hotmail.com
Topic: 528 Message: 531

Than you Gerry, it must be the right one since it is made by ICOM. It just fits to other equipment, too.

This morning I understood that I had used my RF/SQL knob in a wrong way. That was the reason for strong noise while tuning between the stations. If there are others slow to understand the correct use of RF knob, choose the setting (manual will tell how) that allows you to use minimum RF gain. It will improve the clarity of audio considerably and you get rid of excess tuning noise, and PBT works better too.
Esa

-- In icomr75@y..., Gerry Busch <gbusch@s...> wrote:
> Esa, shortly after my last message I noticed that the advertisement you
> quoted does not list the R-75 receiver among those radio model numbers,
> which all seem to be ham transceivers, so is this the same FL-103 that ICOM
> makes for the R-75?
>
> Gerry
>
> esapeltola@h... wrote:
> > A German on-line shop is selling a "FL-103 SSB-Quarzfilter 9MHz/5.6kHz for
> > 706/761/765/775/781" with the prize of 106 DEM.

532. Re: [icomr75] Re: FL-103 filter - newbie asks

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-24 14:39:56 UTC
From: Gerry Busch
Topic: 528 Message: 532

Good point about the RF gain setting, Esa. I leave mine set to RF/SQL mode, and use the squelch only for some FM signals between 30 and 40 mHz. These are signals from various utilities, such as fire stations, that come in from thousands of miles away during skip conditions.

Keeping the RF gain down can certainly help with the noise. The only thing I don't like about that is that the S meter reading increases as you rotate the RF gain control counterclockwise, so the meter can't be used effectively.

As for the PBT, that's one of my favorite features on the radio.

Gerry

esapeltola@... wrote:
>
> Than you Gerry, it must be the right one since it is made by ICOM. It
> just fits to other equipment, too.
>
> This morning I understood that I had used my RF/SQL knob in a wrong
> way. That was the reason for strong noise while tuning between the
> stations. If there are others slow to understand the correct use of
> RF knob, choose the setting (manual will tell how) that allows you to
> use minimum RF gain. It will improve the clarity of audio
> considerably and you get rid of excess tuning noise, and PBT works
> better too.

533. Re: [icomr75] R75 on LF?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-18 22:56:56 UTC
From: khgrant@ix.netcom.com
Topic: 518 Message: 533

What you heard IS an NDB. They are used for navigation.

Keith
On Tuesday 17 April 2001 14:15, you wrote:
> hmmm...that's interesting because i picked up something in LF about 3 weeks
> ago that just re-broadcasts a CW identifier -over and over and over, but
> slowly - same characters all the time.
>
> very consistent, and it's there every night.
>
> i wonder if i managed to pick up an NDB?
>
> needs further investigation...
>
> On Tuesday, April 17, 2001 09:06, Steve McDonald <jsm@...>
wrote:
> > Thanks Bert.....an NDB is a "Non Directional Beacon"...they
> >are located at airport runways and usually transmit a CW
> >identifier, repeated every 10 seconds or so...there are
> >thousands of them between 526 KHz and 200 KHz...they run around
> >25 watts and on nights of good propagation can be heard for
> >thousands of miles!
> >
> > Steve
> >
> > (What is NDB?)
>
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534. Re: [icomr75] AM (MW)530-1700 Antenna ?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-18 23:01:26 UTC
From: khgrant@ix.netcom.com
Topic: 523 Message: 534

Uhh... I don't think the R75 has an internal ferrite rod antenna. If so, the non-active loops wont help.

Keith

On Wednesday 18 April 2001 06:18, you wrote:
> I am interested in using my R-75 for AM (MW)530-1700 and want to know if
> anyone has tried the TERK AM Advantage 1000 or the Gamma Loop Antenna? The
> Select-A-Tenna or the RF System's AA-2? Or anything else?
> I beleive the Non-active loops work with the ferrite rod internal antenna ?
> It appears that a directional antenna is needed?
> Thanks
> Joe
> in North Texas
>
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> [Non-text portions of this message have been removed]
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535. Re: [icomr75] AGC Mod and Hum

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-18 23:06:35 UTC
From: khgrant@ix.netcom.com
Topic: 522 Message: 535

Scott:

Are you sure the hum was not present before the mod?

Is the radio and its cables in exactly the same location as before? Try moving it 4 or 5 feet, away from other equipment. You could be getting pickup from power cords, etc.

It is always possible your wall (floor?) wart is bad.

Let us know how it turns out.

Keith

On Wednesday 18 April 2001 20:23, you wrote:
> Hi Rado, thanx for the reply...
>
> Radostin Danev wrote:
> > That's interesting observation! I'll check myself when I have time. There
> > are some signals (especially here in Asia) which have hum due to
> > overloaded transmitter power supplies (China, Korea etc. like to push
> > their transmitters as hard as possible).
>
> Sometimes Radio Australia has hum other times it does not. It is dependent
> on what frequency it is on (same time of day). Same goes for BBS signals
> retransmitted from a Canadian site (this time night time in Eastern USA).
>
> > 1) What's the value of the capacitor you added?
>
> The value you recommended in the mod. I think 220 uF? What ever you said in
> the mod file I found and used.
>
> > 2) Where did you make the capacitor ground connection?
>
> I scratched the surface near the screw as you mentioned in the mod and
> soldered it there. I actually made a real mess here and solder is touching
> the screw. Would this matter?
>
> > 3) Do you have another radio to check if it also shows the hum?
>
> I plan to mp3 a sound file tommorow moring with the mod in place. Later
> that night I will remove the capacitor and rerecord the following days
> broadcast for comparison. I don't have another SW radio unfortunately.
>
> > 4) Try tuning the station in SSB (ECSS) ... is the hum there? You may
> > need to adjust the PBT controls to pass lower frequencies. If the hum is

> > also there in SSB then is removing the mod capacitor fixing it?
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> The SSB demod is mostly clear though there is some hum. No HF signal is
> ever clear of some hum though :) I don't know if the hum is due to the mod
> in the case of SSB but my feeling is their is substantially more hum on AM
> now than there is on SSB. If there was the same hum on SSB that would
> suggest a bad signal rather than a mod fault right?
>
> > 5) Can you try other stations on the exactly same frequencies as the
> > humming ones (different time)?
>
> I'll give it a shot tonight.
>
> > Thanks for the mod feedback!
> > The goal is to make the radio as good as possible so any feedback is
> > appreciated.
>
> No problem. My fear is I might have burnt the AM chip a little and it is
> now not functioning properly. I'll follow your advice and get back to you
> and the group on the mod. Maybe it is just me and a bad soldering job. I
> still think my wires are too long and that they may be picking up a stray
> hum from inside the radio. Radio builders go to great lengths to internally
> sheild their radios. Having long wires would go a long way to reversing
> that.
>
> Thanx for the feedback
>
> Scott
>
> --
> _____________________________
> Scott Robson (PhD Student)
> Department of Biochemistry
> UConn Health Centre
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536. Re: [icomr75] AGC Mod and Hum

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-25 13:48:38 UTC
From: Scott Robson
Topic: 522 Message: 536

HI everyone again

I removed the capacitor and once again did see an improvement in signal quality with regards to hum. Of course the old AGC was back to its
normal tricks too. This made me curious so I decided to shorten my leads running to the capacitor. This seems to have helped.

To put things in perspective, the leads I had running from the board and IC to the cap were so long I had to place the leads all over the
main board of the radio. My feeling is either the leads were somehow picking up internal noise from the radio (noise that the radio is
usually shielded from) or the leads were big enough to act as antennas and pick up as you say noise from the floor wart or other
electronic equipment I have in my room. I am pretty sure my computer is not the culprit though as the hum is there regardless of whether
the computer is on or not.

Anyway in my experience the length of lead from board components to the cap may be a factor in the hum. I will try a few more experiments
but I am very nervous about soldering to this IC and I don't want to play with it much more. I have the hum to a level I can live with.
Any more improvements I will let the group know. I just wish I had more time to play with the unit! :)

Scott

khgrant@... wrote:

> Scott:
>
> Are you sure the hum was not present before the mod?
>
> Is the radio and its cables in exactly the same location as before? Try
> moving it 4 or 5 feet, away from other equipment. You could be getting pickup
> from power cords, etc.
>
> It is always possible your wall (floor?) wart is bad.
>
> Let us know how it turns out.
>
> Keith
>
> On Wednesday 18 April 2001 20:23, you wrote:
> > Hi Rado, thanx for the reply...
> >
> > Radostin Danev wrote:

> > > That's interesting observation! I'll check myself when I have time. There
> > > are some signals (especially here in Asia) which have hum due to
> > > overloaded transmitter power supplies (China, Korea etc. like to push
> > > their transmitters as hard as possible).
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> > Sometimes Radio Australia has hum other times it does not. It is dependent
> > on what frequency it is on (same time of day). Same goes for BBS signals
> > retransmitted from a Canadian site (this time night time in Eastern USA).
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> > > 1) What's the value of the capacitor you added?
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> > The value you recommended in the mod. I think 220 uF? What ever you said in
> > the mod file I found and used.
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> > > 2) Where did you make the capacitor ground connection?
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> > I scratched the surface near the screw as you mentioned in the mod and
> > soldered it there. I actually made a real mess here and solder is touching
> > the screw. Would this matter?
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> > now than there is on SSB. If there was the same hum on SSB that would
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> > > Thanks for the mod feedback!
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> > now not functioning properly. I'll follow your advice and get back to you
> > and the group on the mod. Maybe it is just me and a bad soldering job. I
> > still think my wires are too long and that they may be picking up a stray
> > hum from inside the radio. Radio builders go to great lengths to internally

> > sheild their radios. Having long wires would go a long way to reversing
> > that.
> >
> > Thanx for the feedback
> >
> > Scott
> >
> > --
> > _____________________________
> > Scott Robson (PhD Student)
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> > UConn Health Centre
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____
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537. IC-R75 Scanning

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-25 21:07:32 UTC
From: Liam O`Connellan
Topic: 537 Message: 537

Hi everyone,

I have just bought this rx and being a novice I would like to draw on the knowlege of you guys re scanning.
I just cannot seem to get this radio to function properly in scan mode.
What are the correct settings for scanning. It misses some of the stored freqs and just when its on a certain frq it jumps to a mem where nothing is present but noise. I know that AF & RF Sq are crucial for this op but what is correct settings. I have tried everything. I am using a Aor SA7000 and 70ft random wire into atu and also sometimes balun seperately of course.
Also is there anyway to move along the stored mems with the rotary wheel instead of the up-down keys.
Its seems quite sensitive and im very happy with it, I listen to USB Aircraft only..

hope someone will help, by the way I think the manual is a joke!!

BFN,

regards,

Billy.

538. Re: [icomr75] AGC Mod and Hum

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-25 21:40:35 UTC
From: Ian Johnson
Topic: 522 Message: 538

Scott, Just in case no one has said it yet; keep the leads away from the display. Just about all digital displays generate noise and putting flying leads near it will not only induce noise into those leads, but also supply a vector for reradiation into other parts of the set. Good luck Ian Johnson Brisbane, Australia ----- Original Message ----- From: Scott Robson Date: Wednesday, April 25, 2001 11:48 pm Subject: Re: [icomr75] AGC Mod and Hum > > > HI everyone again > > > > I removed the capacitor and once again did see an improvement in > signal quality with regards to hum. Of course the old AGC was back > to its > > normal tricks too. This made me curious so I decided to shorten my > leads running to the capacitor. This seems to have helped. > > > > To put things in perspective, the leads I had running from the > board and IC to the cap were so long I had to place the leads all > over the > > main board of the radio. My feeling is either the leads were > somehow picking up internal noise from the radio (noise that the > radio is > > usually shielded from) or the leads were big enough to act as > antennas and pick up as you say noise from the floor wart or other > > electronic equipment I have in my room. I am pretty sure my > computer is not the culprit though as the hum is there regardless > of whether > > the computer is on or not. > > > > Anyway in my experience the length of lead from board components > to the cap may be a factor in the hum. I will try a few more > experiments > but I am very nervous about soldering to this IC and I don't want > to play with it much more. I have the hum to a level I can live with. > > Any more improvements I will let the group know. I just wish I had > more time to play with the unit! :) > > > > Scott > > > > khgrant@... wrote: > > > > > > Scott: > > > > > > Are you sure the hum was not present before the mod? > > > > > > Is the radio and its cables in exactly the same location as > before? Try > > > moving it 4 or 5 feet, away from other equipment. You could > be getting pickup > > > from power cords, etc. > > > > > > It is always possible your wall (floor?) wart is bad. > > > > > > Let us know how it turns out. > > > > > > Keith > > > > > > On Wednesday 18 April 2001 20:23, you wrote: > > > > Hi Rado, thanx for the reply... > > > > > > > > Radostin Danev wrote: > > > > > > That's interesting observation! I'll check myself > when I have time. There > > > > > are some signals (especially here in Asia) which > have hum due to > > > > > overloaded transmitter power supplies (China, Korea > etc. like to push > > > > > their transmitters as hard as possible). > > > > > > Sometimes Radio Australia has hum other times it does > not. It is dependent > > > > on what frequency it is on (same time of day). Same goes > for BBS signals > > > > retransmitted from a Canadian site (this time night time > in Eastern USA). > > > > > > 1) What's the value of the capacitor you added? > > > > > > The value you recommended in the mod. I think 220 uF? > What ever you said in > > > > the mod file I found and used. > > > > > > 2) Where did you make the capacitor ground connection? > > > > > > I scratched the surface near the screw as you mentioned > in the mod and > > > > soldered it there. I actually made a real mess here and > solder is touching > > > > the screw. Would this matter? > > > > > > 3) Do you have another radio to check if it also > shows the hum? > > > > > > I plan to mp3 a sound file tommorow moring with the mod > in place. Later > > > > that night I will remove the capacitor and rerecord the > following days > > > > broadcast for comparison. I don't have another SW radio > unfortunately. > > > > > > 4) Try tuning the station in SSB (ECSS) ... is the > hum there? You may > > > > need to adjust the PBT controls to pass lower > frequencies. If the hum is > > > > also there in SSB then is removing the mod > capacitor fixing it? > > > > > > The SSB demod is mostly clear though there is some hum. > No HF

signal is > > > > ever clear of some hum though :) I don't know if the hum > is due to the mod > > > > in the case of SSB but my feeling is their is > substantially more hum on AM > > > > now than there is on SSB. If there was the same hum on > SSB that would > > > > suggest a bad signal rather than a mod fault right? > > > > > > > > > 5) Can you try other stations on the exactly same > frequencies as the > > > > > humming ones (different time)? > > > > > > > > I'll give it a shot tonight. > > > > > > > > > Thanks for the mod feedback! > > > > > The goal is to make the radio as good as possible > so any feedback is > > > > > appreciated. > > > > > > > > No problem. My fear is I might have burnt the AM chip a > little and it is > > > > now not functioning properly. I'll follow your advice > and get back to you > > > > and the group on the mod. Maybe it is just me and a bad > soldering job. I > > > > still think my wires are too long and that they may be > picking up a stray > > > > hum from inside the radio. Radio builders go to great > lengths to internally > > > > sheild their radios. Having long wires would go a long > way to reversing > > > > that. > > > > > > > Thanx for the feedback > > > > > > > Scott > > > > > > > > -- > > > > > _____ > > > > Scott Robson (PhD Student) > > > > Department of Biochemistry > > > > UConn Health Centre > > > > 263 Farmington Avenue > > > > Farmington, Connecticut 06032-3305 USA > > > > _____ > > > > > > > http://psel.uchc.edu/~scott for web page > > > > http://psel.uchc.edu/~scott/pubkey.txt for pgp key > > > > (in case you have something naughty to write to me) > > > > > > > > > > > > > > > > > To unsubscribe from this group, send an email to: > > > > icomr75-unsubscribe@egroups.com > > > > > > > > > > > > > > > Your use of Yahoo! Groups is subject to > http://docs.yahoo.com/info/terms/ > > > > > > > To unsubscribe from this group, send an email to: > > > icomr75-unsubscribe@egroups.com > > > > > > > > > > > > > Your use of Yahoo! Groups is subject to > http://docs.yahoo.com/info/terms/ > > > -- > > _____ > > Scott Robson (PhD Student) > > Department of Biochemistry > > UConn Health Centre > > 263 Farmington Avenue > > Farmington, Connecticut 06032-3305 USA > > _____ > > > > http://psel.uchc.edu/~scott for web page > > http://psel.uchc.edu/~scott/pubkey.txt for pgp key > > (in case you have something naughty to write to me) > > > > > > > > > > > > > >
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Yahoo! Groups > Sponsor
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src="http://us.a1.yimg.com/us.yimg.co
>
> > > > > src="http://us.adserver.yahoo.com/l?
M=190462.1393721.2979173.2/D=egroupmail/S=1700063108:
< !-- |**|end egp html banner|**| --> > > > To unsubscribe from this group, send an email to: > > icomr75-unsubscribe@egroups.com > > > > > > > > > Your use of Yahoo! Groups is subject to the Yahoo! Terms of > Service. > > > > [Non-text portions of this message have been removed]

539. New poll for icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-25 21:36:36 UTC
From: icomr75@egroups.com
Topic: 15 Message: 539

Enter your vote today! Check out the new poll for the icomr75
group:

How do you find the IC-R75 in memory
scanning mode

o Below average
o Average
o Good
o Excellent
o Brilliant

To vote, please visit the following web page:

http://www.egroups.com/polls/icomr75

Note: Please do not reply to this message. Poll votes are
not collected via email. To vote, you must go to the Yahoo! Groups
web site listed above.

Thanks!

540. Poll results for icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-26 17:48:06 UTC
From: icomr75@egroups.com
Topic: 540 Message: 540

The following icomr75 poll is now closed. Here are the
final results:

POLL QUESTION: How do you find the IC-R75 in memory
scanning mode

CHOICES AND RESULTS
- Below average, 0 votes, 0.00%
- Average, 1 votes, 50.00%
- Good, 1 votes, 50.00%
- Excellent, 0 votes, 0.00%
- Brilliant, 0 votes, 0.00%

INDIVIDUAL VOTES
- Below average
- Average
- atis@...
- Good
- sel@...
- Excellent
- Brilliant

For more information about this group, please visit
http://www.egroups.com/group/icomr75

For help with Yahoo! Groups, please visit
http://www.egroups.com/help

541. Q-Tek Antennas

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-28 14:14:51 UTC
From: Liam O`Connellan
Topic: 541 Message: 541

Hi all,

Flicking through this months copy of SWM I see that Haydon have many items on display for HF Listening. I am mainly interested in the Q-Tek Wire Cyclops, MLBA (R.F.Systems) MLB (R.F.Systems) and the MINI-Windom.+ Q-Tek Sky-Wire MKII and Q-Tek Magnetic Balun
Have any of you out there any expierence with these Antennas?
I would be most grateful for any assistance on this matter.
Personnaly I am thinking of just using a 80ft wire into Q-Tek Magnetic Balun or the Q-Tek Sky-Wire MKII. Again any advice welcome.

I find the Scanning function of the IC-R75 only average, as it does not seem to be well implemented intially but more an after though in the design process. I have 55 mems with Mil frqs and it always tends to miss the speech and stop on the digital signals, so far I have got over this by cancelling the loudest frqs (6 in all) but this seems to defeat the purpose. I used to have a AOR7030 and you could store the squelch setting after tweeking it and then carry on listening to the rest of the channels.

In one of my last posts I asked about this and got no replys, also I aked if you could step through the mems with the rotary dial? it does not say anything about this in the manual (which is bad)so I hope you can help.

Thats it for now, All replys most welcome,

Best regards,

William.

542. r 75 software retry

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-04-29 09:42:22 UTC
From: ed
Topic: 542 Message: 542

I posted about r 75 software I deleted the answers to the post
from my e mail could you resent your e mail
and do you have a cd-r?

543. Purchased an R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-01 18:17:33 UTC
From: DFW1417@yahoo.com
Topic: 543 Message: 543

This weekend I won an Ebay auction for an R-75 less than a year old with very little use, included the UT-106 DSP unit and all original manuals, boxes etc. I am awaiting its arrival and wondered if I received a good deal? I paid $471.00 with shipping.

I am hoping this was a good deal as I thought I seen this unit selling somewhere for $499 from a dealer. I guess I will find out when it gets here.

Thanks in advance.

Wayne.

544. Re: [icomr75] Purchased an R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-01 19:35:11 UTC
From: khgrant@ix.netcom.com
Topic: 543 Message: 544

Sounds good to me.
You'll like the radio. One of the best.

Keith
On Tuesday 01 May 2001 18:17, you wrote:
> This weekend I won an Ebay auction for an R-75 less than a year old
> with very little use, included the UT-106 DSP unit and all original
> manuals, boxes etc. I am awaiting its arrival and wondered if I
> received a good deal? I paid $471.00 with shipping.
>
> I am hoping this was a good deal as I thought I seen this unit
> selling somewhere for $499 from a dealer. I guess I will find out
> when it gets here.
>
> Thanks in advance.
>
> Wayne.
>
>
>
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> icomr75-unsubscribe@egroups.com
>
>
>
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545. Re: [icomr75] Purchased an R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-02 00:32:04 UTC
From: lLori Jackson
Topic: 543 Message: 545

terrible deal-should of been no more than 250.00$

----- Original Message -----
From: <DFW1417@...>
To: <icomr75@yahoogroups.com>
Sent: Tuesday, May 01, 2001 11:17 AM
Subject: [icomr75] Purchased an R-75

> This weekend I won an Ebay auction for an R-75 less than a year old
> with very little use, included the UT-106 DSP unit and all original
> manuals, boxes etc. I am awaiting its arrival and wondered if I
> received a good deal? I paid $471.00 with shipping.
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> I am hoping this was a good deal as I thought I seen this unit
> selling somewhere for $499 from a dealer. I guess I will find out
> when it gets here.
>
> Thanks in advance.
>
> Wayne.
>
>
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546. Re: [icomr75] Purchased an R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-02 15:10:09 UTC
From: Scott Robson
Topic: 543 Message: 546

I don't know how ebay auctions usually go but from the limited experience I have sometimes I've seen items go for even more than retail price from some of our more favoured stores! I think $471.00 including shipping is ok. I mean it is cheaper than the bottom $500 you'd pay at universal or grove.

It does also come with the UT-106 DSP which is typically another $140! I think its an ok deal so long as the unit does actually still work to spec. I'm sure it does. I find mine pretty solid and expect it to be working well for years to come!

Anyway Wayne, enjoy the radio. You saved yourself around about $100 than buying it new (with DSP) so so long as it the thing still works to spec I think its ok. I'm sure you'll be pleased with the results. Spend that extra $100 on a good antenna! :) You might even want to try some of the mods for this radio to enhance performance.

Scott

lLori Jackson wrote:

> terrible deal-should of been no more than 250.00$
>
> ----- Original Message -----
> From: <DFW1417@...>
> To: <icomr75@yahoogroups.com>
> Sent: Tuesday, May 01, 2001 11:17 AM
> Subject: [icomr75] Purchased an R-75
>
> > This weekend I won an Ebay auction for an R-75 less than a year old
> > with very little use, included the UT-106 DSP unit and all original
> > manuals, boxes etc. I am awaiting its arrival and wondered if I
> > received a good deal? I paid $471.00 with shipping.
> >
> > I am hoping this was a good deal as I thought I seen this unit
> > selling somewhere for $499 from a dealer. I guess I will find out
> > when it gets here.
> >
> > Thanks in advance.
> >
> > Wayne.
> >
> >
> >
> > To unsubscribe from this group, send an email to:
> > icomr75-unsubscribe@egroups.com
> >

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> >
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>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
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>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

--

_____
Scott Robson (PhD Student)
Department of Biochemistry
UConn Health Centre
263 Farmington Avenue
Farmington, Connecticut 06032-3305 USA
_____

http://psel.uchc.edu/~scott for web page
http://psel.uchc.edu/~scott/pubkey.txt for pgp key
(in case you have something naughty to write to me)

547. Re: Purchased an R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-02 15:08:49 UTC
From: singleshare@yahoo.com
Topic: 543 Message: 547

--- In icomr75@y..., "lLori Jackson" <lorijs@f...> wrote:

I plan on buying one of these while they are on sale.

Are you being sarcastic... If not why do you dislike
the receiver so much ?

> terrible deal-should of been no more than 250.00$
>
> ----- Original Message -----
> From: <DFW1417@y...>
> To: <icomr75@y...>
> Sent: Tuesday, May 01, 2001 11:17 AM
> Subject: [icomr75] Purchased an R-75
>
>
> > This weekend I won an Ebay auction for an R-75 less than a year
old
> > with very little use, included the UT-106 DSP unit and all
original
> > manuals, boxes etc. I am awaiting its arrival and wondered if I
> > received a good deal? I paid $471.00 with shipping.
> >
> > I am hoping this was a good deal as I thought I seen this unit
> > selling somewhere for $499 from a dealer. I guess I will find out
> > when it gets here.
> >
> > Thanks in advance.
> >
> > Wayne.
> >
> >
> >
> > To unsubscribe from this group, send an email to:
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> >
> >
> >
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> >

548. C Crane Company's Comments on DSP

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-02 15:50:32 UTC
From: mrutkaus@yahoo.com
Topic: 548 Message: 548

May 1, 2001

Dear Mike;

I spoke with our technician, and he agreed with you regarding the R75 and synchronous detection. He said that item has been dropped from our upcoming Catalog 12.

If I can be of any further assistance, please let me know!

Linda Mowrey
Customer Support Specialist

549. Re: Purchased an R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-02 16:21:20 UTC
From: DFW1417@yahoo.com
Topic: 543 Message: 549

He does'nt have a problem with the receiver, it is just some bad
feelings he has toward me, I knew it as soon as I seen the post. You
have weigh each post individually...

Wayne.
--- In icomr75@y..., singleshare@y... wrote:
> --- In icomr75@y..., "lLori Jackson" <lorijs@f...> wrote:
>
> I plan on buying one of these while they are on sale.
>
> Are you being sarcastic... If not why do you dislike
> the receiver so much ?
>
> > terrible deal-should of been no more than 250.00$
> >
> > ----- Original Message -----
> > From: <DFW1417@y...>
> > To: <icomr75@y...>
> > Sent: Tuesday, May 01, 2001 11:17 AM
> > Subject: [icomr75] Purchased an R-75
> >
> >
> > > This weekend I won an Ebay auction for an R-75 less than a year
> old
> > > with very little use, included the UT-106 DSP unit and all
> original
> > > manuals, boxes etc. I am awaiting its arrival and wondered if I
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> > >
> > > I am hoping this was a good deal as I thought I seen this unit
> > > selling somewhere for $499 from a dealer. I guess I will find
out
> > > when it gets here.
> > >
> > > Thanks in advance.
> > >
> > > Wayne.
> > >
> > >
> > >
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> > >
> > >
> > >

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> > >

550. Re: [icomr75] Re: Purchased an R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-02 21:08:31 UTC
From: lLori Jackson
Topic: 543 Message: 550

i thought it was an R72. you got a good fair deal. esp w/dsp incl.

----- Original Message -----
From: <singleshare@...>
To: <icomr75@yahoogroups.com>
Sent: Wednesday, May 02, 2001 8:08 AM
Subject: [icomr75] Re: Purchased an R-75

> --- In icomr75@y..., "lLori Jackson" <lorijs@f...> wrote:
>
> I plan on buying one of these while they are on sale.
>
> Are you being sarcastic... If not why do you dislike
> the receiver so much ?
>
> > terrible deal-should of been no more than 250.00$
> >
> > ----- Original Message -----
> > From: <DFW1417@y...>
> > To: <icomr75@y...>
> > Sent: Tuesday, May 01, 2001 11:17 AM
> > Subject: [icomr75] Purchased an R-75
> >
> >
> > > This weekend I won an Ebay auction for an R-75 less than a year
> old
> > > with very little use, included the UT-106 DSP unit and all
> original
> > > manuals, boxes etc. I am awaiting its arrival and wondered if I
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> > >
> > > I am hoping this was a good deal as I thought I seen this unit
> > > selling somewhere for $499 from a dealer. I guess I will find out
> > > when it gets here.
> > >
> > > Thanks in advance.
> > >
> > > Wayne.
> > >
> > >
> > >
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> > > icomr75-unsubscribe@egroups.com
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551. Re: [icomr75] Purchased an R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-02 21:09:31 UTC
From: lLori Jackson
Topic: 543 Message: 551

good deal.

----- Original Message -----
From: Scott Robson <scott@...>
To: <icomr75@yahoogroups.com>
Sent: Wednesday, May 02, 2001 8:10 AM
Subject: Re: [icomr75] Purchased an R-75

> I don't know how ebay auctions usually go but from the limited experience
I
> have sometimes I've seen items go for even more than retail price from
some of
> our more favoured stores! I think $471.00 including shipping is ok. I mean
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> is cheaper than the bottom $500 you'd pay at universal or grove.
>
> It does also come with the UT-106 DSP which is typically another $140! I
think
> its an ok deal so long as the unit does actually still work to spec. I'm
sure
> it does. I find mine pretty solid and expect it to be working well for
years
> to come!
>
> Anyway Wayne, enjoy the radio. You saved yourself around about $100 than
> buying it new (with DSP) so so long as it the thing still works to spec I
> think its ok. I'm sure you'll be pleased with the results. Spend that
extra
> $100 on a good antenna! :) You might even want to try some of the mods for
> this radio to enhance performance.
>
> Scott
>
> lLori Jackson wrote:
>
> > terrible deal-should of been no more than 250.00$
> >
> > ----- Original Message -----
> > From: <DFW1417@...>
> > To: <icomr75@yahoogroups.com>
> > Sent: Tuesday, May 01, 2001 11:17 AM
> > Subject: [icomr75] Purchased an R-75
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> > > This weekend I won an Ebay auction for an R-75 less than a year old
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> > > manuals, boxes etc. I am awaiting its arrival and wondered if I
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> > > Thanks in advance.
> > >
> > > Wayne.
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> >
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> --
> _____________________________________
> Scott Robson (PhD Student)
> Department of Biochemistry
> UConn Health Centre
> 263 Farmington Avenue
> Farmington, Connecticut 06032-3305 USA
> _____________________________________
>
> http://psel.uchc.edu/~scott for web page
> http://psel.uchc.edu/~scott/pubkey.txt for pgp key
> (in case you have something naughty to write to me)
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>

>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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>

552. Re: Purchased an R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-02 14:41:12 UTC
From: singleshare@yahoo.com
Topic: 543 Message: 552

--- In icomr75@y..., "lLori Jackson" <lorijs@f...> wrote:

I plan on buying one of these while they are on sale.

Are you being sarcastic... If not why do you dislike
the receiver so much ?

> terrible deal-should of been no more than 250.00$
>
> ----- Original Message -----
> From: <DFW1417@y...>
> To: <icomr75@y...>
> Sent: Tuesday, May 01, 2001 11:17 AM
> Subject: [icomr75] Purchased an R-75
>
>
> > This weekend I won an Ebay auction for an R-75 less than a year
old
> > with very little use, included the UT-106 DSP unit and all
original
> > manuals, boxes etc. I am awaiting its arrival and wondered if I
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> > I am hoping this was a good deal as I thought I seen this unit
> > selling somewhere for $499 from a dealer. I guess I will find out
> > when it gets here.
> >
> > Thanks in advance.
> >
> > Wayne.
> >
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> >
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http://docs.yahoo.com/info/terms/
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> >

553. Re: Purchased an R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-02 14:54:00 UTC
From: rsakabu@pwav.com
Topic: 543 Message: 553

That's a good deal so long as it works as advertised. I just got a used one with the DSP for $500 shipped. I know that's a decent deal because the local ham shop was selling one on consignment for that price, but I would have had to pay sales tax (nearly $40) and it didn't come with the box (on top of that, when I went back with the intent of buying it, it was already sold). If I didn't get that deal, I would have probably gone the safe way and bought a new one for just over $600 with the DSP. ($569+$39)
One of the things you should always beware of when buying used rigs is if the unit was used mobile or if it was in the home of a smoker. These may sound moot, but if it was used mobile, it undoubtedly went through extensive vibrations (very bad) and if it was in the home or shack of a smoker, first of all you'll never get the smell out of the rig. Secondly, the smoke residue will actually coat the electronics and attack the components shortening its life. The first reason is actually the most important to me however.

Have fun with your new radio!

554. Re: [icomr75] Purchased an R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-03 04:17:50 UTC
From: Steve McDonald
Topic: 543 Message: 554

I just took delivery of a spanking new R-75 and will put it through it's Longwave trials this weekend. I also bought the 250Hz filter and instead of the DSP unit, bought the MFJ DSP filter to run the audio through. Just playing with it on the table with a 2' wire antenna ....love the 1 Hz tuning steps...worth the price just for that!

Steve / VE7SL

[Non-text portions of this message have been removed]

555. Re: Purchased an R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-03 10:31:22 UTC
From: DFW1417@yahoo.com
Topic: 543 Message: 555

Thanks for all the encouraging words. I got word it shipped out UPS
today. 5 days and counting....

Wayne.
--- In icomr75@y..., "lLori Jackson" <lorijs@f...> wrote:
> good deal.
>
> ----- Original Message -----
> From: Scott Robson <scott@p...>
> To: <icomr75@y...>
> Sent: Wednesday, May 02, 2001 8:10 AM
> Subject: Re: [icomr75] Purchased an R-75
>
>
> > I don't know how ebay auctions usually go but from the limited
experience
> I
> > have sometimes I've seen items go for even more than retail price
from
> some of
> > our more favoured stores! I think $471.00 including shipping is
ok. I mean
> it
> > is cheaper than the bottom $500 you'd pay at universal or grove.
> >
> > It does also come with the UT-106 DSP which is typically another
$140! I
> think
> > its an ok deal so long as the unit does actually still work to
spec. I'm
> sure
> > it does. I find mine pretty solid and expect it to be working
well for
> years
> > to come!
> >
> > Anyway Wayne, enjoy the radio. You saved yourself around about
$100 than
> > buying it new (with DSP) so so long as it the thing still works
to spec I
> > think its ok. I'm sure you'll be pleased with the results. Spend
that
> extra
> > $100 on a good antenna! :) You might even want to try some of the
mods for

> > this radio to enhance performance.
> >
> > Scott
> >
> > lLori Jackson wrote:
> >
> > > terrible deal-should of been no more than 250.00$
> > >
> > > ----- Original Message -----
> > > From: <DFW1417@y...>
> > > To: <icomr75@y...>
> > > Sent: Tuesday, May 01, 2001 11:17 AM
> > > Subject: [icomr75] Purchased an R-75
> > >
> > > > This weekend I won an Ebay auction for an R-75 less than a
year old
> > > > with very little use, included the UT-106 DSP unit and all
original
> > > > manuals, boxes etc. I am awaiting its arrival and wondered if
I
> > > > received a good deal? I paid $471.00 with shipping.
> > > >
> > > > I am hoping this was a good deal as I thought I seen this unit
> > > > selling somewhere for $499 from a dealer. I guess I will find
out
> > > > when it gets here.
> > > >
> > > > Thanks in advance.
> > > >
> > > > Wayne.
> > > >
> > > >
> > > >
> > > > To unsubscribe from this group, send an email to:
> > > > icomr75-unsubscribe@egroups.com
> > > >
> > > >
> > > >
> > > > Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
> > > >
> > > >
> > > >
> > >
> > > To unsubscribe from this group, send an email to:
> > > icomr75-unsubscribe@egroups.com
> > >
> > >
> > >
> > > Your use of Yahoo! Groups is subject to

> http://docs.yahoo.com/info/terms/
> >
> > --
> > _____________________________
> > Scott Robson (PhD Student)
> > Department of Biochemistry
> > UConn Health Centre
> > 263 Farmington Avenue
> > Farmington, Connecticut 06032-3305 USA
> > _____________________________
> >
> > http://psel.uchc.edu/~scott for web page
> > http://psel.uchc.edu/~scott/pubkey.txt for pgp key
> > (in case you have something naughty to write to me)
> >
> >
> >
> > To unsubscribe from this group, send an email to:
> > icomr75-unsubscribe@egroups.com
> >
> >
> >
> > Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/
> >
> >
> >

556. Re: [icomr75] Re: Purchased an R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-03 12:46:11 UTC
From: lLori Jackson
Topic: 543 Message: 556

no bad feelings at all-thought it was r72 not 75. i don't even know why
you'd think
i'd have bad feelings towards you. anyway, i've owned r75-nrd535d-r71A etc.
the r75 is is a good deal. take care.

----- Original Message -----
From: <DFW1417@...>
To: <icomr75@yahoogroups.com>
Sent: Wednesday, May 02, 2001 9:21 AM
Subject: [icomr75] Re: Purchased an R-75

> He does'nt have a problem with the receiver, it is just some bad
> feelings he has toward me, I knew it as soon as I seen the post. You
> have weigh each post individually...
>
> Wayne.
> --- In icomr75@y..., singleshare@y... wrote:
> > --- In icomr75@y..., "lLori Jackson" <lorijs@f...> wrote:
> >
> > I plan on buying one of these while they are on sale.
> >
> > Are you being sarcastic... If not why do you dislike
> > the receiver so much ?
> >
> > > terrible deal-should of been no more than 250.00$
> > >
> > > ----- Original Message -----
> > > From: <DFW1417@y...>
> > > To: <icomr75@y...>
> > > Sent: Tuesday, May 01, 2001 11:17 AM
> > > Subject: [icomr75] Purchased an R-75
> > >
> > >
> > > > This weekend I won an Ebay auction for an R-75 less than a year
> > old
> > > > with very little use, included the UT-106 DSP unit and all
> > original
> > > > manuals, boxes etc. I am awaiting its arrival and wondered if I
> > > > received a good deal? I paid $471.00 with shipping.
> > > >
> > > > I am hoping this was a good deal as I thought I seen this unit
> > > > selling somewhere for $499 from a dealer. I guess I will find
> out
> > > > when it gets here.
> > > >

> > > > Thanks in advance.
> > > >
> > > > Wayne.
> > > >
> > > >
> > > >
> > > > To unsubscribe from this group, send an email to:
> > > > icomr75-unsubscribe@egroups.com
> > > >
> > > >
> > > >
> > > > Your use of Yahoo! Groups is subject to
> > http://docs.yahoo.com/info/terms/
> > > >
> > > >
> > > >
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

557. Re: Purchased an R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-03 16:40:13 UTC
From: rsakabu@pwav.com
Topic: 543 Message: 557

--- In icomr75@y..., "Steve McDonald" <jsm@g...> wrote:
>
> I just took delivery of a spanking new R-75 and will put it through it's Longwave trials this weekend. I also bought the 250Hz filter and instead of the DSP unit, bought the MFJ DSP filter to run the audio through. Just playing with it on the table with a 2' wire antenna ....love the 1 Hz tuning steps...worth the price just for that!
>
> Steve / VE7SL
>
>
> [Non-text portions of this message have been removed]

Hi Steve,
The R-75 is attenuated below 1600 kHz to prevent overloading from stron MW stations. Check the files section under "mods" to see how to defeat the attenuation for MW/LW reception.

558. Re: [icomr75] Purchased an R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-03 22:11:51 UTC
From: k1ygg@aol.com
Topic: 543 Message: 558

Well Wayne, I can tell you that you sure paid a lot less than I did abouta year ago. Hope you enjoy it as much as I do. Jim

[Non-text portions of this message have been removed]

559. Ordered My R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-08 20:38:21 UTC
From: singleshare@yahoo.com
Topic: 559 Message: 559

Figured I would take advantage of the great deal universal radio was offering.

Figure I'll play with it for a couple of weeks then do the Synch mod.

560. Ordered My R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-08 20:37:45 UTC
From: singleshare@yahoo.com
Topic: 559 Message: 560

Figured I would take advantage of the great deal universal radio was offering.

Figure I'll play with it for a couple of weeks then do the Synch mod.

561. R75 Computer Control of Time Clock and CI-V Transceive Function

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-12 23:57:59 UTC
From: DFW1417@yahoo.com
Topic: 561 Message: 561

Received R75 about 4 days ago. Its GREAT! Really love it. Just now getting into the computer command aspect and have discovered something all might benefit from. Those curious try to use the computer commands to turn on then off the CI-V Transceive function. Then try to use the commands just to read the time clock.

Is'nt that neat how no matter what you do you can't turn the Transceive function on once you shut it off? Is'nt neat that you can't read the time off the time clock.

SOLUTION:

I don't know if Icom messed this up or what but here is how to do it.

CI-V transceive on function:

FE FE 5A 5A 1A 02 13 01 FD

CI-V transceive off function:

FE FE 00 5A 1A 02 13 00 FD

Clock read function:

FE FE 5A 5A 1A 02 13 01 FD

Don't ask why, I don't know but it works. Yes it is suposed to have a to and from address different but it does'nt. The normal to address for the R75 is 5A and the from address from a computer used to control it is 00 but why just these commands have to have the same to and from address I will never know but they do.

I think the R75 is great and every bit worth the $475 with the DSP I paid for it.

Hope this helps all.

Wayne.

562. Re: [icomr75] R75 Computer Control of Time Clock and CI-V Transceive Function

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-13 02:25:16 UTC
From: Lisa and Bill
Topic: 562 Message: 562

If you'd like to feel even happier, I paid $700 for mine
in January 2000. Still worth every penny.

Bill

DFW1417@... wrote:

> Received R75 about 4 days ago. Its GREAT! Really love it. Just now
> getting into the computer command aspect and have discovered
> something all might benefit from. Those curious try to use the
> computer commands to turn on then off the CI-V Transceive function.
> Then try to use the commands just to read the time clock.
>
> Is'nt that neat how no matter what you do you can't turn the
> Transceive function on once you shut it off? Is'nt neat that you
> can't read the time off the time clock.
>
> SOLUTION:
>
> I don't know if Icom messed this up or what but here is how to do it.
>
> CI-V transceive on function:
>
> FE FE 5A 5A 1A 02 13 01 FD
>
> CI-V transceive off function:
>
> FE FE 00 5A 1A 02 13 00 FD
>
> Clock read function:
>
> FE FE 5A 5A 1A 02 13 01 FD
>
> Don't ask why, I don't know but it works. Yes it is suposed to have a
> to and from address different but it does'nt. The normal to address
> for the R75 is 5A and the from address from a computer used to
> control it is 00 but why just these commands have to have the same to
> and from address I will never know but they do.
>
> I think the R75 is great and every bit worth the $475 with the DSP I
> paid for it.
>
> Hope this helps all.
>

> Wayne.
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

563. ICOM CONTROL SOFTWARE

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-14 21:26:46 UTC
From: Liam O`Connellan
Topic: 563 Message: 563

Hi everone,

Just purchased the ICOM control sofware, actually this sofware seems to do things to my AF which makes it better than when runnung the radio without computer control. If anyone can give me any tips I would be most happy, The AFC and rf/sql seem much better via computer control, i dont really understand this \\\\\af rf sql control fully any help would be most appreciatrd..

yours in anticaption...

Best Regards to yas all,

Bill Sw.Ireland.
keewp listening

564. ICOM CONTROL SOFTWARE

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-14 21:27:43 UTC
From: Liam O`Connellan
Topic: 563 Message: 564

Hi everone,

Just purchased the ICOM control sofware, actually this sofware seems to do things to my AF which makes it better than when runnung the radio without computer control. If anyone can give me any tips I would be most happy, The AFC and rf/sql seem much better via computer control, i dont really understand this \\\\\af rf sql control fully any help would be most appreciatrd..

yours in anticaption...

Best Regards to yas all,

Bill Sw.Ireland.
keewp listening

565. Frequency Swaps

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-15 20:19:58 UTC
From: William Conlan
Topic: 565 Message: 565

Anyone like to swap freqs with me???
I have quite a few on the computer now!
Regards
Billy.
----- Original Message -----
From: <icomr75@yahoogroups.com>
To: <icomr75@yahoogroups.com>
Sent: Tuesday, May 15, 2001 1:53 PM
Subject: [icomr75] Digest Number 136

> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
> --
>
> There are 2 messages in this issue.
>
> Topics in this digest:
>
> 1. ICOM CONTROL SOFTWARE
> From: "Liam O`Connellan" <atis@...>
> 2. ICOM CONTROL SOFTWARE
> From: "Liam O`Connellan" <atis@...>
>
>
> ____
> ____
>
> Message: 1
> Date: Mon, 14 May 2001 21:26:46 -0000
> From: "Liam O`Connellan" <atis@...>
> Subject: ICOM CONTROL SOFTWARE
>
> Hi everone,
>
> Just purchased the ICOM control sofware, actually this sofware seems
> to do things to my AF which makes it better than when runnung the
> radio without computer control. If anyone can give me any tips I
> would be most happy, The AFC and rf/sql seem much better via computer
> control, i dont really understand this \\\\\af rf sql control fully
> any help would be most appreciatrd..
>
> yours in anticaption...
>

> Best Regards to yas all,
>
> Bill Sw.Ireland.
> keewp listening
>
>
>
>
>
> --
> --
>
> Message: 2
> Date: Mon, 14 May 2001 21:27:43 -0000
> From: "Liam O`Connellan" <atis@...>
> Subject: ICOM CONTROL SOFTWARE
>
> Hi everone,
>
> Just purchased the ICOM control sofware, actually this sofware seems
> to do things to my AF which makes it better than when runnung the
> radio without computer control. If anyone can give me any tips I
> would be most happy, The AFC and rf/sql seem much better via computer
> control, i dont really understand this \\\\\af rf sql control fully
> any help would be most appreciatrd..
>
> yours in anticaption...
>
> Best Regards to yas all,
>
> Bill Sw.Ireland.
> keewp listening
>
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> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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>

566. Suitable Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-21 17:57:49 UTC
From: Liam O`Connellan
Topic: 566 Message: 566

Hi All,

Can anyone recommend a good antenna that they have bought in the UK lately.

I am using a long wire into Global AT2000 and seem to be having ok results, just wondering if a better setup is available, I cant really stretch to more than 40'.

MTIA,

Billy.

567. New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-21 18:01:25 UTC
From: icomr75@yahoogroups.com
Topic: 242 Message: 567

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the icomr75
group.

File : /memory schemes/AWACS.csv
Uploaded by : atis@...
Description : AWACS

You can access this file at the URL

http://groups.yahoo.com/group/icomr75/files/memory%20schemes/AWACS.csv

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

atis@...

568. Re Frequency Swaps

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-21 18:11:08 UTC
From: Liam O`Connellan
Topic: 568 Message: 568

I have included 3 files in the file section if you use them let me know what you hear!!

Bill.

569. Re: [icomr75] Suitable Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-22 14:46:25 UTC
From: Bob Eastwood
Topic: 566 Message: 569

FYI,

Just for everyone's info, HRO was selling R-75's at the Dayton Hamvention for $399.00.

Needless to say, I bought one.

Is it worth getting the DSP?

Thank-you,

Bob

570. Re: Suitable Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-22 18:53:57 UTC
From: khgrant@ix.netcom.com
Topic: 566 Message: 570

--- In icomr75@y..., "Bob Eastwood" <bob.eastwood@n...> wrote:
> FYI,
>
> Just for everyone's info, HRO was selling R-75's at the Dayton
> Hamvention for $399.00.
>
> Needless to say, I bought one.
>
> Is it worth getting the DSP?
>
> Thank-you,
>
> Bob

Sort answer: yes.

Especially if you listen to UTE's. I find it very helpful. Some complain that it lowers the volume when enabled. That's what the volume knob is for.

Keith

571. Re: DSP Unit

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-22 21:26:51 UTC
From: k1ygg@aol.com
Topic: 571 Message: 571

Bob, it all depends on how much noise you have at your location. Here at my qth there are times when the electrical / man made noise level makes the DSP mandatory. At other times it is unnecessary. I guess only you can tell at your qth. Operationally I find that the unit works very well. Good luck. Jim

[Non-text portions of this message have been removed]

572. Re: [icomr75] Suitable Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-22 23:35:41 UTC
From: lLori Jackson
Topic: 566 Message: 572

thank you for the R75 info -HRO. joe.

----- Original Message -----
From: Bob Eastwood <bob.eastwood@...>
To: <icomr75@yahoogroups.com>
Sent: Tuesday, May 22, 2001 7:46 AM
Subject: Re: [icomr75] Suitable Antenna

> FYI,
>
> Just for everyone's info, HRO was selling R-75's at the Dayton
> Hamvention for $399.00.
>
> Needless to say, I bought one.
>
> Is it worth getting the DSP?
>
> Thank-you,
>
> Bob
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

573. Audio improvement mod

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-23 01:44:34 UTC
From: Radostin Danev
Topic: 573 Message: 573

Hi R75-ers,

Well, I've been very busy lately - coming close to the end of my Ph.D.
Several days ago I've moded the audio path to improve it a little.
To check if you need this mod do the following:
- tune in a spot where there is a lot of noise, no station, just man-made noise. Other possibility is to off-tune a strong station until it starts to distort the audio badly.
- Use AM or S-AM mode
- Now the audio should be harsh - like there is some sort of clipping. It is easily noticeable if you slowly reduce the volume - there is a point just before zero volume where you'll hear only the spikes from the clipping.

I think that the clipping is due to overdriven electronic volume control [IC1251 - Main unit (2)]. I came to this conclusion because if I adjust the beep volume high enough it also produces this clipping - and the beep is fed just before the electronic volume.
Here's the simple fix which also equalizes the volume of the AM/S-AM modes with that of USB/LSB (in my R75 when I switch from USB/LSB to AM/S-AM there's a substantial volume increase, which is not very pleasant):

- Connect a 20 kOhms resistor between Pin 15 on IC1201 and ground. This reduces the AM volume and removes the clipping effect.

- Connect a 20 kOhm resistor between Pin 11 on IC1201 and ground. This reduces the S-AM volume and removes the clipping effect.

Now tuning around on my R75 is much more pleasant as the audio is clean.
I've uploaded this mod into the "Files/R75 Mods" folder. Will upload some pictures soon.

Best regards,

Rado

574. New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-23 01:45:03 UTC
From: icomr75@yahoogroups.com
Topic: 242 Message: 574

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the icomr75
group.

File : /R75 mods/AM&SAM volume mod.txt
Uploaded by : rado@...
Description :

You can access this file at the URL

http://groups.yahoo.com/group/icomr75/files/R75%20mods/AM%26SAM%20volume%20mod.txt

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

rado@...

575. New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-23 01:59:35 UTC
From: icomr75@yahoogroups.com
Topic: 242 Message: 575

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the icomr75
group.

File : /R75 mods/Advanced MW attenuator mod.txt
Uploaded by : rado@...
Description :

You can access this file at the URL

http://groups.yahoo.com/group/icomr75/files/R75%20mods/Advanced%20MW%20attenuator%20mod.tx
t

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

rado@...

576. MW attenuator mod by Pete

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-23 02:00:22 UTC
From: Radostin Danev
Topic: 576 Message: 576

Hi R75-ers,

As observations by some users and my front-end simulations showed (see message http://groups.yahoo.com/group/icomr75/message/247, and file http://groups.yahoo.com/group/icomr75/files/Information/R75 front-end preselection simulations.pdf) the effect of shortening the pads is not as big as it should be (about 2-3 dB increase in sensitivity).
Here's an advanced MW attenuation removal mod posted by Pete Gianakopoulos on rec.radio.shortwave:

I picked up a service manual for this receiver. It seems that 100 Ohm current limiting resistors are used as the series Rs with the switching diodes in the front end. In an earlier post, I mentioned that the shunt Rs in the MW attenuator were providing the return path for the switching diode in the front end. I calculated the equivalent resistance of this network to be 139 Ohms; that is the reason that I specified the 2.2mH choke in series with the 110 Ohm resistor.
Anyway, I did change the 10 Ohm series resistor that Icom has in their unit to the 100 Ohm unit that is used in all of the other filter ranges; this eliminates the need for the extra resistor that is in series with the 2.2mH choke. I didn't like the fact that the 2.2mH choke is self-resonant at around 900KHz, so I switched that value to a 1mH Murata surface mount inductor. It may be because I eliminated some of the parasitics that were present with the 2.2mH choke, but the sensitivity on the LW band improved. The .1uV spec is now maintained down to 150KHz, degrading to .2uV at 100KHz. This is because of the noise floor rise at 100KHz and below, maybe due to the close-in phase noise of the synthesizer.
Now, if I got a little bit confusing with my explanation, I'll get to the point. To remove the MW attenuator, remove R171 and R173 (270 Ohms), and replace R172 (18 Ohms) with either a zero Ohm resistor short that connection point pad that is supposed to bypass the attenuator (it really does not, unless you remove R171 and R173). Next, change R174 (10 Ohms) to a 100 Ohm resistor. Finally, add a 1mH surface mount choke across the point where R171 was connected.
This is to provide the DC return path for the switching diode. You could use a leaded choke, but the main thing is to keep the leads as short as possible.
On a final note, I must caution anybody that these parts are relatively small; were are talking about 0603 (.06 by .03 inch) parts. You really need to have some sort of magnifier or stereo mircoscope of close up reading glasses to do this job. Also, you need a good soldering iron with a small tip, such as a Pace, Metcal, or Hayco soldering station to do the job. The reason for this is that you need to be able to concentrate the heat in a very small area. If anybody has any questions, feel free to

give me a shout, and I will walk you through the job.

Pete gianakopoulos
Chicago, Il.

Addition by Rado:

Well, the procedure is not very simple. I expect a substantial effect if either R171 or R173 is removed together with the shortening of the pad. This will increase the resistance to ground from 135 Ohms to 270 Ohms.

Best regards,

Rado

577. Re: [icomr75] Audio improvement mod

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-23 12:10:30 UTC
From: lLori Jackson
Topic: 573 Message: 577

rado-
congradulations on your being close too receiving your Phd. i know i
spelled congratulations wrong up above. thanks for all the help
you are really cool. joe.

----- Original Message -----
From: Radostin Danev <rado@...>
To: <icomr75@yahoogroups.com>
Sent: Tuesday, May 22, 2001 6:44 PM
Subject: [icomr75] Audio improvement mod

> Hi R75-ers,
>
> Well, I've been very busy lately - coming close to the end of my Ph.D.
> Several days ago I've moded the audio path to improve it a little.
> To check if you need this mod do the following:
> - tune in a spot where there is a lot of noise, no station, just man-made
> noise. Other possibility is to off-tune a strong station until it starts
to
> distort the audio badly.
> - Use AM or S-AM mode
> - Now the audio should be harsh - like there is some sort of clipping. It
is
> easily noticeable if you slowly reduce the volume - there is a point just
> before zero volume where you'll hear only the spikes from the clipping.
>
> I think that the clipping is due to overdriven electronic volume control
> [IC1251 - Main unit (2)]. I came to this conclusion because if I adjust
the
> beep volume high enough it also produces this clipping - and the beep is
fed
> just before the electronic volume.
> Here's the simple fix which also equalizes the volume of the AM/S-AM modes
> with that of USB/LSB (in my R75 when I switch from USB/LSB to AM/S-AM
> there's a substantial volume increase, which is not very pleasant):
>
> - Connect a 20 kOhms resistor between Pin 15 on IC1201 and ground. This
> reduces the AM volume and removes the clipping effect.
>
> - Connect a 20 kOhm resistor between Pin 11 on IC1201 and ground. This
> reduces the S-AM volume and removes the clipping effect.
>
> Now tuning around on my R75 is much more pleasant as the audio is clean.
> I've uploaded this mod into the "Files/R75 Mods" folder. Will upload some
> pictures soon.

>
> Best regards,
>
> Rado
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

578. S-Meter readings and S-Meter Level

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-29 04:40:11 UTC
From: autotest@optusnet.com.au
Topic: 578 Message: 578

Hi all,

Borrowed a R75 and think it is great, but one problem with this type of receiver is the coarseness of the S-Meter which is not always that useful for tuning right on a frequency when the frequency is unknown. Most of the time we guess that the station will be on a 0 or 5kHz division for SW broadcasters or we use our ears.

I have been messing with some VB code to look at the Signal Level which seems to go from 0 to 255, the manual does not say.

The question is how does this number being sent by the R75 relate to the S-Meter reading?

What exactly is the number saying it is a measurment of

I am assuming the the meter has a logarithmic scale so what is the the logarithmic base is is common (base 10) or natural (base 2.7182818) or something else.

Question 2.

Talking to and reading from the R75 at 19,200 baud is a slow process. Anyone know how to speed it up or tricks?

I am fairly new to the R75 but thanks to all those who answered question to others in the posts as I was able to learn a great deal

regards

David Brown
Sydney, Australia

I know the S-Meter

579. Re: [icomr75] S-Meter readings and S-Meter Level

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-29 15:46:48 UTC
From: Bruce Jensen
Topic: 578 Message: 579

--- autotest@... wrote:

> Borrowed a R75 and think it is great, but one
> problem with this type
> of receiver is the coarseness of the S-Meter which
> is not always that
> useful for tuning right on a frequency when the
> frequency is unknown.
> Most of the time we guess that the station will be
> on a 0 or 5kHz
> division for SW broadcasters or we use our ears.

The best way to get "right on" frequency is to switch
to one or the other sideband and zero-beat the signal;
that is, tune until the voice/music sound is
absolutely clear and the carrier tone disappears to
zero hertz. Then, if your receiver is properly
aligned, the frequency you read is the frequency of
the station. I can hardly imagine a common s-meter on
any radio being able to discern the max signal to the
nearest 0.1 khz as well as this method.

You probably knew this, but for the record...

=====
Bruce Jensen, associate of:
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
American Coaster Enthusiasts http://www.aceonline.org/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

Do You Yahoo!?
Yahoo! Auctions - buy the things you want at great prices
http://auctions.yahoo.com/

580. 350 or 500hz filter?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-29 16:08:39 UTC
From: mrutkaus@yahoo.com
Topic: 580 Message: 580

Hi,

Got the 3.3 at 455kc, wondering which is best for the last filter for listening to CW and psk31 and amtor and hf packet etc, 500 or 350kc?

And I wonder why at universalradio and elsewhere the 350 filter is cheaper than the 500hz by $15 or so?

Thanks for any help,

Mike
Winchester VA
K4QET

581. RE: [icomr75] 350 or 500hz filter?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-29 16:16:01 UTC
From: Steve J. Walker
Topic: 580 Message: 581

Hi,

Looking at PSK31 and CW signals they are both very narrow modes the 300hz would allow you to pick more signals from crowded bands. If you want to look at wider signals etc then I would use the 500hz (Navtec etc). You can calculate the bandwidth for a signal by its baudspeed (too hard for me to rem right now!) But I think 100Bd @ 170hz is 320hz??? Something along those lines.

I would head for the 300hz filter but it is worth if you can find the details check the skirts of either filter and see which has the better shape factor.

Steve Walker
BNS

//-----Original Message-----
//From: mrutkaus@... [mailto:mrutkaus@...]
//Sent: 29 May 2001 17:09
//To: icomr75@yahoogroups.com
//Subject: [icomr75] 350 or 500hz filter?
//Hi,
//Got the 3.3 at 455kc, wondering which is best for the last filter for
//litening to CW and psk31 and amtor and hf packet etc, 500 or 350kc?
//And I wonder why at universalradio and elsewhere the 350 filter is
//cheaper than the 500hz by $15 or so?
//Thanks for any help,

582. Re: [icomr75] S-Meter readings and S-Meter Level

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-29 17:43:26 UTC
From: Radostin Danev
Topic: 578 Message: 582

Hi David & Bruce,

I remember seeing a software (think it was for TenTec RX320) which does a software aided ECSS. The software first tunes for example 100 Hz below the frequency of the station using USB mode. Then using the soundcard it measures precisely the frequency of the carrier (audio frequency of the beat) and tunes the receiver spot-on using SSB mode. R75 with its high stability and 1 Hz tuning is perfect for such kind of application. The thing is - somebody has to have the time and enthusiasm to write the soft.
About the search for station - it can be done in the same manner. Search for carriers with the receiver in SSB mode and soundcard. Then one can log precise carrier frequencies and signal strengths.
Once I was thinking of something like "auto-dx software":
Using ILG database scan number of frequencies (in SSB mode with narrow filter ... or shrunk passband) and automatically log the carrier strengths. The carrier strength is measured by combining the S-meter level and the level of the carrier peak measured through the soundcard (and FFT software procedures). Proper calibration could be done. The result will be absolute carrier level logged for time/frequency. Some simple AI can check and sort the catches by DX value. Record audio from the worthy catches ... etc. etc. Propagation prediction could also be included in the algorithm. The result will be a pretty nice DX-bot. :-) Maybe they have such things in the spy/comm/govt/mil monitoring centers.

Best regards,

Rado

----- Original Message -----
From: "Bruce Jensen" <bpnjensen@...>
To: <icomr75@yahoogroups.com>
Sent: Wednesday, May 30, 2001 12:46 AM
Subject: Re: [icomr75] S-Meter readings and S-Meter Level

> --- autotest@... wrote:
>
> > Borrowed a R75 and think it is great, but one
> > problem with this type
> > of receiver is the coarseness of the S-Meter which
> > is not always that
> > useful for tuning right on a frequency when the
> > frequency is unknown.
> > Most of the time we guess that the station will be
> > on a 0 or 5kHz
> > division for SW broadcasters or we use our ears.
>

> The best way to get "right on" frequency is to switch
> to one or the other sideband and zero-beat the signal;
> that is, tune until the voice/music sound is
> absolutely clear and the carrier tone disappears to
> zero hertz. Then, if your receiver is properly
> aligned, the frequency you read is the frequency of
> the station. I can hardly imagine a common s-meter on
> any radio being able to discern the max signal to the
> nearest 0.1 khz as well as this method.
>
> You probably knew this, but for the record...
>
> =====
> Bruce Jensen, associate of:
> The Astronomy Connection http://observers.org/
> Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
> American Coaster Enthusiasts http://www.aceonline.org/
> ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio
>
> ---
> Do You Yahoo!?
> Yahoo! Auctions - buy the things you want at great prices
> http://auctions.yahoo.com/
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> Yahoo! Groups Sponsor
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> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
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>

583. Re:HF pred (former Smeter etc)

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-30 16:42:16 UTC
From: Zacharias Liangas
Topic: 578 Message: 583

I know, and use sporadically a program packet called ITSHF that includes
HFREC , VOACAP and ICEPAC set of programs and subpprograms
Tey are a little old programs (95) whih can not only analyze HF propagation but
also can make footprints of a radio signal providing that power and antenna
system is known
Very good packet and though the original cost is abt USD 600 for VOACAP the
demo operates without any problem in any PC providing that at least PENTUIM
100 MHz /64MB RAM is at least used.

On 30 May 2001, at 2:43, you wrote:

> ftware procedures). Proper calibration could be done. The result will be
> absolute carrier level logged for time/frequency. Some simple AI can check
> and sort the catches by DX value. Record audio from the worthy catches ...
> etc. etc. Propagation prediction could also be included in the algorithm.
> The result will be a pretty nice DX-bot. :-) Maybe they have such things
> in the spy/comm/govt/mil monitoring centers.
>

584. S-Meter readings/use of S-card?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-30 16:42:16 UTC
From: Zacharias Liangas
Topic: 578 Message: 584

Except the preivious mesage, is the any prgoram with the help of the controller than can log the signal strength for a given time?

Also has any one trid to use an audio program to track signal level changes (F or QSB) via a soundblaster? [using a beat tone]

See my ideas in www.geocities.com/zliangas/sinpfemo.htm

585. Re: Kiwa Mods to R75 - Question!

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-30 16:49:20 UTC
From: bpnjensen@yahoo.com
Topic: 501 Message: 585

--- In icomr75@y..., "Michael Moore" <m.moore@u...> wrote:

> The addition of the 3.8 kHz filter is just what the doctor ordered.
> This is a perfect width for narrow AM/S-AM. I tried it on Radio
> Havana, which had one sideband being interfered with. With sync AM,
> the 3.8 kHz filter and the inner PBT control turned to one side, the
> signal came in clear and sounded beautiful.

Question - does the combo of Synch AM and the PBT engaged as described effectively equal SSB-selectable AM-Synch? Or is it significantly different?

Thanks,
Bruce Jensen

586. R75 For Sale--Loaded!

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-06-01 17:21:00 UTC
From: DanJBlack@prodigy.net
Topic: 586 Message: 586

If anyone in this newsgroup is considering the purchase of an R75, I have one in excellent condition, for sale. Purchased new at the end of December, 2000. Has full complement of Icom options--UT106 DSP, UT102 voice synthesizer, FL-223 (1.9KHz) and FL-257 (3.3KHz) filters. Unit also has AGC mod, level-one MW mod, and the synchronous detector WORKS.

Must sell due to urgent medical circumstances. Non-smoker. AC supply never used. Includes all packing, cartons (even for options!), and manuals. I have invested over $870 in this receiver PLUS mods, shipping, etc. I will sell it for $645 and ship it anywhere within the continental US, fully insured for buyer protection.

That's cheaper than ANYONE is selling it for new, when all options are purchased.

Thanks for reading this post!

587. Re: [icomr75] R75 For Sale--Loaded!

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-06-02 20:23:54 UTC
From: lLori Jackson
Topic: 586 Message: 587

be careful.

----- Original Message -----
From: <DanJBlack@...>
To: <icomr75@yahoogroups.com>
Sent: Friday, June 01, 2001 10:21 AM
Subject: [icomr75] R75 For Sale--Loaded!

> If anyone in this newsgroup is considering the purchase of an R75, I
> have one in excellent condition, for sale. Purchased new at the end
> of December, 2000. Has full complement of Icom options--UT106 DSP,
> UT102 voice synthesizer, FL-223 (1.9KHz) and FL-257 (3.3KHz) filters.
> Unit also has AGC mod, level-one MW mod, and the synchronous detector
> WORKS.
>
> Must sell due to urgent medical circumstances. Non-smoker. AC supply
> never used. Includes all packing, cartons (even for options!), and
> manuals. I have invested over $870 in this receiver PLUS mods,
> shipping, etc. I will sell it for $645 and ship it anywhere within
> the continental US, fully insured for buyer protection.
>
> That's cheaper than ANYONE is selling it for new, when all options
> are purchased.
>
> Thanks for reading this post!
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

588. Re: [icomr75] R75 For Sale--Loaded!

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-06-02 21:22:46 UTC
From: DANNY BLACKBURN
Topic: 586 Message: 588

Be careful of WHAT?
----- Original Message -----
From: lLori Jackson <lorijs@...>
To: <icomr75@yahoogroups.com>
Sent: Saturday, June 02, 2001 4:23 PM
Subject: Re: [icomr75] R75 For Sale--Loaded!

> be careful.
>
> ----- Original Message -----
> From: <DanJBlack@...>
> To: <icomr75@yahoogroups.com>
> Sent: Friday, June 01, 2001 10:21 AM
> Subject: [icomr75] R75 For Sale--Loaded!
>
>
> > If anyone in this newsgroup is considering the purchase of an R75, I
> > have one in excellent condition, for sale. Purchased new at the end
> > of December, 2000. Has full complement of Icom options--UT106 DSP,
> > UT102 voice synthesizer, FL-223 (1.9KHz) and FL-257 (3.3KHz) filters.
> > Unit also has AGC mod, level-one MW mod, and the synchronous detector
> > WORKS.
> >
> > Must sell due to urgent medical circumstances. Non-smoker. AC supply
> > never used. Includes all packing, cartons (even for options!), and
> > manuals. I have invested over $870 in this receiver PLUS mods,
> > shipping, etc. I will sell it for $645 and ship it anywhere within
> > the continental US, fully insured for buyer protection.
> >
> > That's cheaper than ANYONE is selling it for new, when all options
> > are purchased.
> >
> > Thanks for reading this post!
> >
> >
> > To unsubscribe from this group, send an email to:
> > icomr75-unsubscribe@egroups.com
> >
> >
> >
> > Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/
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> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
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>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

589. Re: Kiwa Mods to R75 - Question!

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-06-03 04:42:30 UTC
From: Michael Moore
Topic: 501 Message: 589

--- In icomr75@y..., bpnjensen@y... wrote:
> --- In icomr75@y..., "Michael Moore" <m.moore@u...> wrote:
>
> > The addition of the 3.8 kHz filter is just what the doctor ordered.
> > This is a perfect width for narrow AM/S-AM. I tried it on Radio
> > Havana, which had one sideband being interfered with. With sync AM,
> > the 3.8 kHz filter and the inner PBT control turned to one side, the
> > signal came in clear and sounded beautiful.
>
> Question - does the combo of Synch AM and the PBT engaged as described
> effectively equal SSB-selectable AM-Synch? Or is it significantly
> different?
>
> Thanks,
> Bruce Jensen

That's a good question. The AR7030 works slimilar to the R75 in that one uses the AM sync mode in combination with the passsband shift control. Passport to World Band Radio says the AR7030 has "synchronous selectable sideband". If we were to accept Passport's definition (whatever it is), then in fairness we must also say that the R75 has synchronous selectable sideband (that is, when the sync in the R75 is "fixed" and a narrow filter is installed at the 450 kHz IF point). Nonetheless, I'd be interested in knowing just how those rigs with a single button to select a particular sideband in synchronous mode actually differ from the R75 and AR7030. Do these rigs merely shift the passband automatically so the operator doesn't have to do it manually?

--
Michael Moore

590. Re: [icomr75] Re: Kiwa Mods to R75 - Question!

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-06-03 08:34:56 UTC
From: Radostin Danev
Topic: 501 Message: 590

Hi Michael and group,

I have not seen a definition of sideband selectable synch. but I think neither R75 nor AR7300 have true sideband selectable synch. detector (SSSD). The radios by SONY (ICF-2010, ICF-7600G/GR, ICF-SW07) have "true" SSSD is a way that they use phasing method for sideband extraction. This method consists of phasing the signals from the in-phase and the quadrature-phase detectors and produces about 30-40 dB attenuation of the opposite sideband. The cut of the other sideband is razor sharp (like a DSP or a very steep skirt filter). The bad news is that this detection is outside of the AGC loop (at least on my ICF-SW07) so in many occasions one also needs to de-tune away from the offending signal by 1-2 kHz in order to also shift the IF filter passband.
I'll try to explain this in more details. The AGC takes the signal after the 455 kHz IF filter. This signal has bandwidth equal to the 455kHz filter - let's say 4kHz. In other words it is about 2kHz on each side of the "BFO" (455 kHz local oscillator used in the in-phase and quadrature-phase detectors). The phasing SSB/SSSD detector takes the 455 kHz IF signal, performs the phasing and produces audio by one of the sidebands (attenuates the other) - if the BFO is at 455 kHz (in the middle of the 455kHz IF filter) then the audio bandwidth will be 2kHz. If one de-tunes by 1 kHz then for example the station carrier moves from 455kHz to 454 kHz. The phase locking loop locks the BFO to the new carrier frequency - 454kHz. The result is that if you choose USB-SSSD the audio bandwidth will be 3kHz (from 454kHz to 455+2=457kHz) - for LSB-SSSD the audio bandwidth will be 1kHz (from 454kHz to 455-2=453kHz).
The best synch. detector for me will be a one which does - phasing and allows for PB shift. The IC in R75 has in-phase and quadrature-phase outputs - so in theory it can be very easily combined with phase shifting network and provide "true" synch. detector (with phasing opposite sideband attenuation). The problem is - this phase shifting network IC is produced by SONY and not being sold as a component (only used in their radios). If one wants to build such network - it will be bulky and also requires high precision resistors and capacitors.

Sorry for the long post - hope it makes any sense (English is not my native language).

For further reading on synch. detectors check:
http://users.netonecom.net/~swordman/Radio/ShortWaveRadio.htm
That's Dough's page who kindly provided an article on synch. detector based on MC13022 (same IC as in R75).

Best regards,

Rado

591. Re: [icomr75] Re: Kiwa Mods to R75 - Question!

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-06-04 15:12:40 UTC
From: Bruce Jensen
Topic: 501 Message: 591

--- Michael Moore <m.moore@...> wrote:

> > Question - does the combo of Synch AM and the PBT
> engaged as described effectively equal
SSB-selectable AM-Synch? Or is it significantly
different?
> >
> > Thanks,
> > Bruce Jensen
>
> That's a good question. The AR7030 works slimilar
> to the R75 in that one uses the AM sync mode in
combination with the passsband shift control.
Passport to World Band Radio says the AR7030 has
"synchronous selectable sideband". If we were to
accept Passport's definition (whatever it is), then
in fairness we must also say that the R75 has
synchronous selectable sideband (that is, when the
sync in the R75 is "fixed" and a narrow filter is
installed at the 450 kHz IF point). Nonetheless, I'd
be interested in knowing just how those rigs with a
single button to select a particular sideband in
synchronous mode actually differ from the R75 and
AR7030. Do these rigs merely shift the passband
automatically so the operator doesn't have to do it
manually? <

Thanks very much, Michael and Rado, for your answers -
as always, it is very illuminating, and Rado's tech
discussions are fascinating. It sounds to me like the
R75 does NOT have SS-SAM, but it also sounds like the
combination Michael mentions and discusses might
effectively duplicates the feature.

I have always felt that SS-SAM was perhaps just
another subtle way of duplicating, admittedly with a
switch flick as opposed to "tedious" twidding of knobs
;-), the ability to isolate and stabilize a signal.
It would seem that if a double-sideband SAM could be
forced to use just one sideband by reducing the other
to insignificance via PBT or another means, it would
provide roughly the same benefit.

I have an R75 in transit as we speak - I can't wait to
try these things out! (Gotta get those Kiwa mods
though :-)

Bruce Jensen

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a year! http://personal.mail.yahoo.com/

592. newbie checklist

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-06-04 20:39:54 UTC
From: mfcmerced@aol.com
Topic: 592 Message: 592

I've had my R-75 just shy of a month and am enjoying it immensely. My biggest trouble is I haven't had as much time to play with it as I would like.
I have read through all 591 messages on the list, and found it to be extremely helpful and answered a number of questions. I even created my own handbook from the posts. However, in reading through everything, I wonder if anyone has a checklist on how to make sure your R-75 is up to snuff. I noticed some people had problems with the clock being way off, some others had trouble with the signal strength differences while switching between USB and LSB. anything else we should be looking for? nobody wants to spend this kind of time and find they have a lemon lurking in the shack. (Where is Consumer Reports when you need them? I've read the other reviews on it...)
Also, when I read the Radio Netherlands review, I noticed how Tom had his East Coast reference stations to test signal strength. Does any West Coast listener have some suggested reference signals to test my R-75?
Thanks.
Mike
Merced Ca (Gateway to Yosemite, 120 miles SE of San Francisco.)

594. Re: [icomr75] Looking for soiftware controller R(C)SR75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-06-07 00:50:16 UTC
From: Radostin Danev
Topic: 594 Message: 594

Dear R75 group members,

Please refrain from posting messages implying illegal software exchange.
This is unacceptable in this group.
If this is not your intention - make sure to indicate it clearly.

Thank you,

Rado

595. Just got my R75...very early impressions

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-06-07 21:43:01 UTC
From: bpnjensen@yahoo.com
Topic: 595 Message: 595

Hi, all - just got an R75 and hooked it up. Here are some first impressions...

The radio looks great, and the controls feel great. Smooth, positive feel to everything.

The front speaker sounds terrible. Good quality headphones improve this somewhat, but not hi-fi by any means.

It does not at first blush seem as sensitive as my Yaesu FRG-100, except maybe with the preamp-2 on; but I need to wait for tonight when the bands start hopping to try out some regular stations and see what happens.

As noted by just about everyone except ICOM, the AGC and the S-AM scarcely work, although they do work *a little.* They definitely need some mods, and next time I rustle another $150 that's what I'll do (if I still have this radio).

The RF gain is very peculiar. This is the only radio I've seen where the s-meter RISES when the RF gain is turned down. Is this normal? Also, the s-meter seems to shut off entirely when the AGC is switched off, and then rises only when the RF gain is dropped. Can't figure that one out. AGC shutoff also sometimes initiates unintelligible audio on stronger stations - any idea why?

Sometimes, for no reason I can determine, the s-meter gets stuck on the last high value, even when I do not have the s-metter set on peak. Another quirk.

The DSP-NR definitely makes a difference on some kinds of noise, but not a lot on all the types of artificial noise I have near my location. The NB seems to have no effect either, but it may work better on car ignition noise (which doesn't bother me much here). I haven't found a real heterodyne yet, so I can't say yet about the ANF.

The filters confound me a bit. The AM and SSB seem to have settings for W, N, and nothing. Each sounds a bit different. The wide (12 kHz?) and nothing settings drop off fast at literally at exactly 6 kHz from the center frequency; the narrow filter (is this 6 kHz?) is rather muffled sounding, and seems to drop off much sooner. It is far less pleasant to listen to than either the 4 or the 6 kHz filter on my Yaesu, which sounds better overall. I haven't yet taken enough time to set all the filters the way I'd like (the instructions do not seem very clear in this regard, so it may take me awhile), so maybe I'll have more success after I figure these out.

The 3 settings for the RF/SQU seem to make absolutely no difference in the operation of the knob. The practical function is identical on all three settings, at least on this radio.

The grounding "lug" in back won't accept a reasonably-sized ground wire, which is lamentable - now I need to solder a smaller wire onto my groundwire to be able to provide a hookup. No big deal, but for a communications receiver this seems like a given.

Obviously I'll need to check it out more - but I have to say that, after using the FRG-100, *early model*, I am not all that impressed yet. I will give it some time, but I'm really wondering if I made a good decision here.

Bruce Jensen

596. Re: [icomr75] Just got my R75...very early impressions

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-06-08 00:59:30 UTC
From: Radostin Danev
Topic: 595 Message: 596

Hi Bruce,

Congratulations on the new radio!
Now on the questions:

> The front speaker sounds terrible. Good quality headphones improve
> this somewhat, but not hi-fi by any means.

Connect a large external speaker. The internal is good only for speech.

> It does not at first blush seem as sensitive as my Yaesu FRG-100,
> except maybe with the preamp-2 on; but I need to wait for tonight when
> the bands start hopping to try out some regular stations and see what
> happens.

What kind of antenna do you use?

> As noted by just about everyone except ICOM, the AGC and the S-AM
> scarcely work, although they do work *a little.* They definitely need
> some mods, and next time I rustle another $150 that's what I'll do
> (if I still have this radio).

If you are a listener - this is a must.

> The RF gain is very peculiar. This is the only radio I've seen where
> the s-meter RISES when the RF gain is turned down. Is this normal?
> Also, the s-meter seems to shut off entirely when the AGC is switched
> off, and then rises only when the RF gain is dropped. Can't figure
> that one out. AGC shutoff also sometimes initiates unintelligible
> audio on stronger stations - any idea why?

The RF gain control sets the AGC floor (AGC voltage cannot go above a
certain level, Q1051 on the MAIN UNIT(2) schematic). Because the S-meter
level is derived from the AGC voltage it stars to indicate something when
you reduce the RF gain (the voltage on the AGC line is changed by the RF
gain). This I think is more convenient than peculiar. In some radios the RF
gain is in the front end and does not act on the AGC line directly.
Because the S-meter measures the AGC line level when you shut off the AGC it
won't indicate anything (the AGC voltage is constant). When the AGC is off
you should use the RF gain on stronger stations - otherwise the IF stages
are overloaded. The function of the AGC is to control the gain in a way that
the signal level to be in the working range of the IF stages. When the AGC
is off the receiver is fully "open" - the gain is at maximum. Any receiver
will overload on strong stations with the AGC off.
Here is how I use the RF gain. If a station is fading very rapidly making it
unintelligible I reduce the RF gain until the S-meter just "covers" the
station level. This helps a lot. Also on SSB transmissions sometimes I

prefer to reduce the RF gain in order to avoid the noise between the transmissions.

> Sometimes, for no reason I can determine, the s-meter gets stuck on
> the last high value, even when I do not have the s-meter set on peak.
> Another quirk.

This sounds strange - what exactly you mean by "stuck"?

> The DSP-NR definitely makes a difference on some kinds of noise, but
> not a lot on all the types of artificial noise I have near my
> location. The NB seems to have no effect either, but it may work
> better on car ignition noise (which doesn't bother me much here). I
> haven't found a real heterodyne yet, so I can't say yet about the ANF.

The NB works very well on static crashes.
ANF also works well.

> Obviously I'll need to check it out more - but I have to say that,
> after using the FRG-100, *early model*, I am not all that impressed
> yet. I will give it some time, but I'm really wondering if I made a
> good decision here.

Check it out more - I think you'll be pleased.

Best regards,

Rado

597. Re: Just got my R75...very early impressions

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-06-08 03:56:26 UTC
From: Michael Moore
Topic: 595 Message: 597

--- In icomr75@y..., bpnjensen@y... wrote:
> Obviously I'll need to check it out more - but I have to say that,
> after using the FRG-100, *early model*, I am not all that impressed
> yet. I will give it some time, but I'm really wondering if I made a
> good decision here.

That's the way I felt when I first obtained my R75. I couldn't comfortably listen to shortwave AM stations, and adjusting the RF gain to compensate for turning the AGC off still didn't improve matters (or make them worse). You really need the mods for comfortable AM listening.

The front speaker is optimized for voice, which is great for intelligibility -- if you want to hear a full range of sound, you must hook up an external speaker.

It takes a little time to get used to the radio and to set it up to your liking. After you've had some time to test the features of the radio, I think you may grow to like it.

--
Michael Moore

598. Re: [icomr75] Just got my R75...very early impressions

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-06-08 16:22:01 UTC
From: Bruce Jensen
Topic: 595 Message: 598

--- Radostin Danev <rado@...> wrote:
> Hi Bruce,
>
> Congratulations on the new radio!
> Now on the questions:
>
> > The front speaker sounds terrible. Good quality
> headphones improve this somewhat, but not hi-fi by
any means.
>
> Connect a large external speaker. The internal is
> good only for speech.

I'll try this, although I tend to do most listening on
headphones anyway.

> What kind of antenna do you use?

I have a DX-Ultra, center height about 25 feet. It
works wonders on the Yaesu. I may have hit a period
when propagation was naturally low, because last night
reception was generally about as strong as I normally
get on my Yaesu, at least with preamp 1 on. Sometimes
I had to pop in the annenuator, something I rarely do
on the Yaesu.

I also have an MFJ-1026 noise canceller with active
antenna, which has good points as well drawbacks,
which I always have online, if not always operating.
I intend to attach another aux antenna to this thing
soon for hopefully better noise reduction.

> When the AGC is off you should use the RF gain on
stronger stations - otherwise the IF stages are
overloaded.<

Makes sense based on what I've observed.

> Here is how I use the RF gain. If a station is
> fading very rapidly making it unintelligible I
reduce the RF gain until the S-meter just "covers" the
station level. This helps a lot.<

I have heard of this trick before, and I tried it last
night several times. It worked fabulously! I also
turned off the AGC when I did this, and the station
fading cleared right up for a clean signal. Very

impressive.

> > Sometimes, for no reason I can determine, the
> s-meter gets stuck on
> > the last high value, even when I do not have the
> s-meter set on peak.
> > Another quirk.
>
> This sounds strange - what exactly you mean by
> "stuck"?

This happened yesterday afternoon for some reason - it behaved as though it was set to maintain the peak reading after the peak had gone by. It did not do this last night; it may have been operator error <blush>.

> The NB works very well on static crashes.
> ANF also works well.

I also found that the NB works extremely well when big trucks go by, and interestingly works the best in SSB mode - it totally obliterates the noise. The ANF finally proved its mettle last night on any number of weird squeals and hets.

> > Obviously I'll need to check it out more - but I
> have to say that, after using the FRG-100, *early model*, I am not all that impressed yet. I will give it some time, but I'm really wondering if I made a
> > good decision here.
>
> Check it out more - I think you'll be pleased.

I'm getting happier by the hour :-)

=====
Bruce Jensen, associate of:
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
American Coaster Enthusiasts http://www.aceonline.org/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail - only $35 a year! http://personal.mail.yahoo.com/

599. Good antenna for R75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-06-12 01:40:15 UTC
From: spock9999@yahoo.com
Topic: 599 Message: 599

Hi.

I recently got the R75. Nice receiver.

I already had a Uniden BC895xlt scanner with a good all-band discone antenna on the roof.

I have the discone antenna hooked up to antenna input #1 (50 ohm) and a long-wire antenna on antenna input #2 (300 ohm).

Frankly, the discone antenna outperforms the long-wire antenna big time. Even on low freqs.

The long-wire gives WAY too much noise. One guy suggested that I use 30' of coax with the shield hooked up to the ground terminal and the center hooked up to the 300ohm antenna in. THEN at the end of the 30' of coax, hook up the long-wire antenna to the center conductor. This way it will shield it for a ways to help get rid of the noise. That did seem to help, but I still get way too much noise.

I'm looking for a good antenna that will really pull in the freqs without hindering them with noise.

I live in an apartment too, so I'm a little limited when it comes to these huge outdoor 80' antennas. hehe.

I appreciate any suggestions.

Thanks a lot.

-Spock

600. Re: [icomr75] Good antenna for R75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-06-12 02:27:37 UTC
From: Radostin Danev
Topic: 599 Message: 600

Hi Spock,

The idea with the coax feed is nice but this alone is not enough. Several things:
1. The coax is 50 Ohms so it is always better to use a 9:1 balun (500Ohms to 50Ohms transformer) between the coax and the wire
2. The balun will also help with the common mode noise transfer from the coax shield to the wire (the coax goes through the house and picks a lot of noise). Grounding (ground rod) the earth terminals of the balun will help a lot.
3. grounding the coax shield at the point it leaves the house will also reduce the noise.

Check out the design shown at the Wellbrook site:
http://www.wellbrook.uk.com/longwire.html

They advertise their balun and isolator but both are very easy to construct yourself.

I'm currently trying to construct something like their active loop:
http://www.wellbrook.uk.com/ALA1530.html

The results are great - very low noise compared to the active whips I have. The phasing unit (a prototype yet) finishes the job of noise removal. In my apartment phasing the loop against a whip shows better results than phasing two whips.

Best regards,

Rado

----- Original Message -----
From: <spock9999@...>
To: <icomr75@yahoogroups.com>
Sent: Tuesday, June 12, 2001 10:40 AM
Subject: [icomr75] Good antenna for R75?

> Hi.
>
> I recently got the R75. Nice receiver.
>
> I already had a Uniden BC895xlt scanner with a good all-band discone
> antenna on the roof.
>
> I have the discone antenna hooked up to antenna input #1 (50 ohm) and
> a long-wire antenna on antenna input #2 (300 ohm).
>

> Frankly, the discone antenna outperforms the long-wire antenna big
> time. Even on low freqs.
>
> The long-wire gives WAY too much noise. One guy suggested that I use
> 30' of coax with the shield hooked up to the ground terminal and the
> center hooked up to the 300ohm antenna in. THEN at the end of the 30'
> of coax, hook up the long-wire antenna to the center conductor. This
> way it will shield it for a ways to help get rid of the noise. That
> did seem to help, but I still get way too much noise.
>
> I'm looking for a good antenna that will really pull in the freqs
> without hindering them with noise.
>
> I live in an apartment too, so I'm a little limited when it comes to
> these huge outdoor 80' antennas. hehe.
>
> I appreciate any suggestions.
>
> Thanks a lot.
>
> -Spock
>
>
>
> Yahoo! Groups Sponsor
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>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>

601. Re: [icomr75] Good antenna for R75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-06-12 03:44:56 UTC
From: Ian Johnson
Topic: 599 Message: 601

Spock, For a ready-made low noise, broadband antenna the T2FD (Tilted Twinn Folded Dipole) from RF Systems in Holland is good. 3MHz to about 25MHz. It is 15m long and is mounted at an angle so it takes only about 10m of horizontal space. Also, you can make your own (just search the 'net for T2FD) but unless you have the ability to design the centre balun for a flat response from 3 to 25MHz then it will be a bit longer than 15m. ciao Ian J ----- Original Message ----- From: spock9999@... Date: Tuesday, June 12, 2001 11:40 am Subject: [icomr75] Good antenna for R75? > > > Hi. > > > > I recently got the R75. Nice receiver. > > > > I already had a Uniden BC895xlt scanner with a good all-band > discone > > antenna on the roof. > > > > I have the discone antenna hooked up to antenna input #1 (50 ohm) > and > > a long-wire antenna on antenna input #2 (300 ohm). > > > > Frankly, the discone antenna outperforms the long-wire antenna big > > time. Even on low freqs. > > > > The long-wire gives WAY too much noise. One guy suggested that I > use > > 30' of coax with the shield hooked up to the ground terminal and > the > > center hooked up to the 300ohm antenna in. THEN at the end of the > 30' > > of coax, hook up the long-wire antenna to the center conductor. > This > > way it will shield it for a ways to help get rid of the noise. > That > > did seem to help, but I still get way too much noise. > > > > I'm looking for a good antenna that will really pull in the freqs > > without hindering them with noise. > > > > I live in an apartment too, so I'm a little limited when it comes > to > > these huge outdoor 80' antennas. hehe. > > > > I appreciate any suggestions. > > > > Thanks a lot. > > > > -Spock > > > > > > > > > > > > >
>
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src="http://us.a1.yimg.com/us.yimg.co
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< !-- |**|end egp html banner|**| --> > > > To unsubscribe from this group, send an email to: > > icomr75-unsubscribe@egroups.com > > > > > > > > > > Your use of Yahoo! Groups is subject to the Yahoo! Terms of > Service. > > > >

602. Re: Good antenna for R75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-06-13 22:54:27 UTC
From: rsakabu@pwav.com
Topic: 599 Message: 602

> I'm currently trying to construct something like their active loop:
> http://www.wellbrook.uk.com/ALA1530.html
>
> The results are great - very low noise compared to the active whips
I have.
> The phasing unit (a prototype yet) finishes the job of noise
removal. In my
> apartment phasing the loop against a whip shows better results than
phasing
> two whips.
>
> Best regards,
>
> Rado
>

Is this anything like a magnetic loop antenna? Magnetic loops seem to be great for small spaces, but look like a total pain to tune and change frequencies due to their very high Q (even putting your hand near it to tune the capacitor changes the resonant frequency).

603. R75 For Sale--Price Reduced!

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-06-14 01:02:11 UTC
From: DanJBlack@prodigy.net
Topic: 603 Message: 603

The R75 I had listed in an earlier post has been reduced. This receiver is complete with two optional filters FL-257 and FL-223, DSP UT-106 and Voice Synthesizer UT-102 modules. This receiver is in excellent condition, non-smoker ownership, purchased new in late December 2000. Synchronous AM works! Must sell, or it will be put up on an auction site. Anyone contemplating purchasing an R75, or knowing someone who would like to do so, please note! This receiver is available for far less than its cost to me, and includes all options listed above. Cartons, manual, packing, the works!

$500 plus actual shipping cost, insured. I am not working at this time, due to post-surgical temporary disability, and must sell! The cheapest this receiver (new) that I've seen is around $500-550, and that did not include any options!

Thanks!

604. Re: [icomr75] Re: Good antenna for R75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-06-14 06:58:44 UTC
From: Esa Peltola
Topic: 599 Message: 604

I am using ALA1530. It works fine. It is an outdoors model, made of aluminium tube, and it does not need any tuning. I have placed it in the garden 12 meter from the house (2 meters from the ground). Being far from in-house interference, it is very quiet. It is broadband (150 kHz - 30 000 kHz). The handicap is that I don't have a rotor. I had one, but it didn't work, so I sent it back to the shop. If I want to use directionality, I have to go to the garden and turn it manually. It is directional only on LW, MW and in some measure on tropical bands. This particular model has attenuation on LW. I wanted it because I live close to powerful LW station (RTL). On higher frequencies it is normally quieter than my longwire (25 meters, 5 - 7 meters from the ground).
E. Peltola

>From: rsakabu@...
>Reply-To: icomr75@yahoogroups.com
>To: icomr75@yahoogroups.com
>Subject: [icomr75] Re: Good antenna for R75?
>Date: Wed, 13 Jun 2001 22:54:27 -0000
>
> > I'm currently trying to construct something like their active loop:
> > http://www.wellbrook.uk.com/ALA1530.html
> >
> > The results are great - very low noise compared to the active whips
>I have.
> > The phasing unit (a prototype yet) finishes the job of noise
>removal. In my
> > apartment phasing the loop against a whip shows better results than
>phasing
> > two whips.
> >
> > Best regards,
> >
> > Rado
> >
>
>Is this anything like a magnetic loop antenna? Magnetic loops seem
>to be great for small spaces, but look like a total pain to tune and
>change frequencies due to their very high Q (even putting your hand
>near it to tune the capacitor changes the resonant frequency).
>

_____
Get Your Private, Free E-mail from MSN Hotmail at http://www.hotmail.com.

605. Re: [icomr75] R75 For Sale--Price Reduced!

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-06-14 13:18:55 UTC
From: lLori Jackson
Topic: 603 Message: 605

watch out

----- Original Message -----
From: <DanJBlack@...>
To: <icomr75@yahoogroups.com>
Sent: Wednesday, June 13, 2001 6:02 PM
Subject: [icomr75] R75 For Sale--Price Reduced!

> The R75 I had listed in an earlier post has been reduced. This
> receiver is complete with two optional filters FL-257 and FL-223,
> DSP UT-106 and Voice Synthesizer UT-102 modules. This receiver is in
> excellent condition, non-smoker ownership, purchased new in late
> December 2000. Synchronous AM works! Must sell, or it will be put up
> on an auction site. Anyone contemplating purchasing an R75, or
> knowing someone who would like to do so, please note! This receiver
> is available for far less than its cost to me, and includes all
> options listed above. Cartons, manual, packing, the works!
>
> $500 plus actual shipping cost, insured. I am not working at this
> time, due to post-surgical temporary disability, and must sell!
> The cheapest this receiver (new) that I've seen is around $500-550,
> and that did not include any options!
>
> Thanks!
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

606. RE: [icomr75] R75 For Sale--Price Reduced!

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-06-14 13:29:05 UTC
From: Steve J. Walker
Topic: 603 Message: 606

Hmmm,

Is this a "watch out" for this radio or "watch out" for the seller? No offence to anyone but "I am not working at this time, due to post-surgical temporary disability" always tends to scare some people for some odd reason - I would if selling leave this out IMHO.

And if this is a "watch out - bad seller" can you at least post why, examples, flames etc rather than 1 line that could mean anything ....

Steve

-----Original Message-----
From: lLori Jackson [mailto:lorijs@...]
Sent: 14 June 2001 14:19
To: icomr75@yahoogroups.com
Subject: Re: [icomr75] R75 For Sale--Price Reduced!

watch out

----- Original Message -----

607. R75 Has Been Sold!

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-06-15 22:31:13 UTC
From: DanJBlack@prodigy.net
Topic: 607 Message: 607

Thanks, everyone!

608. Re: Good antenna for R75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-06-15 22:52:53 UTC
From: DanJBlack@prodigy.net
Topic: 599 Message: 608

--- In icomr75@y..., spock9999@y... wrote:
> Hi.
>
> I recently got the R75. Nice receiver.
>
> I already had a Uniden BC895xlt scanner with a good all-band
discone
> antenna on the roof.
>
> I have the discone antenna hooked up to antenna input #1 (50 ohm)
and
> a long-wire antenna on antenna input #2 (300 ohm).
>
> Frankly, the discone antenna outperforms the long-wire antenna big
> time. Even on low freqs.
>
> The long-wire gives WAY too much noise. One guy suggested that I
use
> 30' of coax with the shield hooked up to the ground terminal and
the
> center hooked up to the 300ohm antenna in. THEN at the end of the
30'
> of coax, hook up the long-wire antenna to the center conductor.
This
> way it will shield it for a ways to help get rid of the noise. That
> did seem to help, but I still get way too much noise.
>
> I'm looking for a good antenna that will really pull in the freqs
> without hindering them with noise.
>
> I live in an apartment too, so I'm a little limited when it comes
to
> these huge outdoor 80' antennas. hehe.
>
> I appreciate any suggestions.
>
> Thanks a lot.
>
> -Spock

RE: If your discone is outperforming the hi-z longwire, it can be
the result of one or more factors, which may include:
a) Insufficient wire length;
b) Top wire or downlead proximity to noise-generating source;
c) Poor RF ground at the black terminal next to the hi-z terminal;

d) Poor ground at the receiver's main ground lug;
e) SERIOUS impedance mismatch;
f) Losses in the downlead (improved by shielding via coaxial cable with a good ground at the shield connection point);

I have had great success with an Alpha Delta DX-SWL (60') sloper. This antenna uses a shielded coaxial cable downlead, grounded at both ends.

609. Re: [icomr75] R75 For Sale--Price Reduced!

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-06-17 05:17:57 UTC
From: David B. Rogers
Topic: 603 Message: 609

Lori,

I thought that I would let you know that while your advice
was correct and I did proceed carefully, I bought the radio
from Danny, it arrived today, and, if anything, he was
conservative in his description of it. While I checked his
rating on eBay and looked for any bad news via dejanews, I
also noted that Danny gave me a home address and phone
number and was willing to ship COD, even declining my offer
to advance shipping costs.

The radio is in absolutely perfect condition, with all of
the additions he advertised, but, more importantly, I found
Danny to be a very decent fellow who even included a photo
of himself and his listening post. His need for funds was
very real as evinced by his paying the extra cost for
express mail shipping out of his own pocket.

Again, your advice of caution was well given -- but Danny
turns out to be guilty only of telling it like it is.

David, WA7ZYQ

lLori Jackson wrote:
>
> watch out
>
> ----- Original Message -----
> From: <DanJBlack@...>
> To: <icomr75@yahoogroups.com>
> Sent: Wednesday, June 13, 2001 6:02 PM
> Subject: [icomr75] R75 For Sale--Price Reduced!
>
> > The R75 I had listed in an earlier post has been reduced. This
> > receiver is complete with two optional filters FL-257 and FL-223,
> > DSP UT-106 and Voice Synthesizer UT-102 modules. This receiver is in
> > excellent condition, non-smoker ownership, purchased new in late
> > December 2000. Synchronous AM works! Must sell, or it will be put up
> > on an auction site. Anyone contemplating purchasing an R75, or
> > knowing someone who would like to do so, please note! This receiver
> > is available for far less than its cost to me, and includes all
> > options listed above. Cartons, manual, packing, the works!
> >
> > $500 plus actual shipping cost, insured. I am not working at this
> > time, due to post-surgical temporary disability, and must sell!
> > The cheapest this receiver (new) that I've seen is around $500-550,

> > and that did not include any options!
> >
> > Thanks!

--
"It's a damned poor mind that can only think of one way to
spell a word."
Andrew Jackson

610. Re: R75 For Sale--Price Reduced!

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-06-17 06:25:27 UTC
From: Michael Moore
Topic: 603 Message: 610

Let us know what you think of the R75.

611. Re: [icomr75] R75 For Sale--Price Reduced!

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-06-17 16:00:57 UTC
From: lLori Jackson
Topic: 603 Message: 611

i'm glad it worked out for you. it doesn't hurt to be on
extra alert when purchasing via the internet.

----- Original Message -----
From: David B. Rogers <dr7zyq@...>
To: <icomr75@yahoogroups.com>
Sent: Saturday, June 16, 2001 10:17 PM
Subject: Re: [icomr75] R75 For Sale--Price Reduced!

> Lori,
>
> I thought that I would let you know that while your advice
> was correct and I did proceed carefully, I bought the radio
> from Danny, it arrived today, and, if anything, he was
> conservative in his description of it. While I checked his
> rating on eBay and looked for any bad news via dejanews, I
> also noted that Danny gave me a home address and phone
> number and was willing to ship COD, even declining my offer
> to advance shipping costs.
>
> The radio is in absolutely perfect condition, with all of
> the additions he advertised, but, more importantly, I found
> Danny to be a very decent fellow who even included a photo
> of himself and his listening post. His need for funds was
> very real as evinced by his paying the extra cost for
> express mail shipping out of his own pocket.
>
> Again, your advice of caution was well given -- but Danny
> turns out to be guilty only of telling it like it is.
>
> David, WA7ZYQ
>
> lLori Jackson wrote:
> >
> > watch out
> >
> > ----- Original Message -----
> > From: <DanJBlack@...>
> > To: <icomr75@yahoogroups.com>
> > Sent: Wednesday, June 13, 2001 6:02 PM
> > Subject: [icomr75] R75 For Sale--Price Reduced!
> >
> > > The R75 I had listed in an earlier post has been reduced. This
> > > receiver is complete with two optional filters FL-257 and FL-223,
> > > DSP UT-106 and Voice Synthesizer UT-102 modules. This receiver is in

> > > excellent condition, non-smoker ownership, purchased new in late
> > > December 2000. Synchronous AM works! Must sell, or it will be put up
> > > on an auction site. Anyone contemplating purchasing an R75, or
> > > knowing someone who would like to do so, please note! This receiver
> > > is available for far less than its cost to me, and includes all
> > > options listed above. Cartons, manual, packing, the works!
> > >
> > > $500 plus actual shipping cost, insured. I am not working at this
> > > time, due to post-surgical temporary disability, and must sell!
> > > The cheapest this receiver (new) that I've seen is around $500-550,
> > > and that did not include any options!
> > >
> > > Thanks!
>
> --
> "It's a damned poor mind that can only think of one way to
> spell a word."
> Andrew Jackson
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

612. Re: Good antenna for R75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-06-19 00:56:40 UTC
From: spock9999@yahoo.com
Topic: 599 Message: 612

Thank you all for your responses! They are very helpful.

Seems like antennas for 100khz - 30mhz are a little tricky and need
to be somewhat large.

I'll let you know what I decide to go with and how it performs.

Thanks again!

-Spock

613. Data Slicer ?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-06-20 13:37:04 UTC
From: singleshare@yahoo.com
Topic: 613 Message: 613

Hi All,

Is it possible to use a data slicer with the R75 ?
The REC-OUT works fine for sound card applications
but not with a data slicer.

Does anyone know of a tap point within the unit to
use ?

Thanks,
Dean

614. Scanning software?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-06-20 20:48:42 UTC
From: Urban Larsson
Topic: 614 Message: 614

Hi.

I do not have any R75, yet.

But if I want to have a big database on a PC,
maybe 1000 records, and select frequencies to
scan on the R75 without the need to decode any
signals, are there any simple programs out there
that can be used to achive this?

Anyone using the Icom RMS75? The Shoc and Radiocom
type of programs seems to be a bit overkill for me,
and unneccesary expensive.

Ubbe.

615. RE: [icomr75] Data Slicer ?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-06-20 23:10:52 UTC
From: Enrique A. Wembagher
Topic: 613 Message: 615

Hi,
The REC out work fine in my system.
I use the Hamcomm/HPL041 interface + Radioraft + JVFax and work well.
Check your connections to data slicer.
73?s
Enrique Wembagher

> -----Mensaje original-----
> De: singleshare@... [mailto:singleshare@...]
> Enviado el: Mi?rcoles, 20 de Junio de 2001 10:37
> Para: icomr75@yahoogroups.com
> Asunto: [icomr75] Data Slicer ?
>
>
> Hi All,
>
> Is it possible to use a data slicer with the R75 ?
> The REC-OUT works fine for sound card applications
> but not with a data slicer.
>
> Does anyone know of a tap point within the unit to
> use ?
>
> Thanks,
> Dean
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

616. Re: Data Slicer ?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-06-21 13:35:53 UTC
From: singleshare@yahoo.com
Topic: 613 Message: 616

--- In icomr75@y..., "Enrique A. Wembagher" <Eawemb@i...> wrote:
Hi Enrique,

Is your hamcomm interface designed for a discriminator tap
or a speaker type output ?

> Hi,
> The REC out work fine in my system.
> I use the Hamcomm/HPL041 interface + Radioraft + JVFax and work
well.
> Check your connections to data slicer.
> 73´s
> Enrique Wembagher
>
>
>
>
>
> > -----Mensaje original-----
> > De: singleshare@y... [mailto:singleshare@y...]
> > Enviado el: Miércoles, 20 de Junio de 2001 10:37
> > Para: icomr75@y...
> > Asunto: [icomr75] Data Slicer ?
> >
> >
> > Hi All,
> >
> > Is it possible to use a data slicer with the R75 ?
> > The REC-OUT works fine for sound card applications
> > but not with a data slicer.
> >
> > Does anyone know of a tap point within the unit to
> > use ?
> >
> > Thanks,
> > Dean
> >
> >
> > To unsubscribe from this group, send an email to:
> > icomr75-unsubscribe@egroups.com
> >
> >
> >
> > Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/

> >
> >

617. RE: [icomr75] Re: Data Slicer ?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-06-22 01:00:20 UTC
From: Enrique A. Wembagher
Topic: 613 Message: 617

Hi Dean,

My interface (HPL041) is an increased version and improved of the Hamcomm interface, the input to the interface this designed for REC-OUT to the rx?s. I proved the R75 (REC-OUT) with the Radioraft interface and it works well. Do you have the program SLICER? with he, you can prove the correct operation of your interface.
Does somebody want the program?, it is very small and freeware.

73?s
Enrique

> -----Mensaje original-----
> De: singleshare@... [mailto:singleshare@...]
> Enviado el: Jueves, 21 de Junio de 2001 10:36
> Para: icomr75@yahoogroups.com
> Asunto: [icomr75] Re: Data Slicer ?
>
>
> --- In icomr75@y..., "Enrique A. Wembagher" <Eawemb@i...> wrote:
> Hi Enrique,
>
> Is your hamcomm interface designed for a discriminator tap
> or a speaker type output ?
>
>
> > Hi,
> > The REC out work fine in my system.
> > I use the Hamcomm/HPL041 interface + Radioraft + JVFax and work
> well.
> > Check your connections to data slicer.
> > 73?s
> > Enrique Wembagher
> >
> >
> >
> >
> >
> > > -----Mensaje original-----
> > > De: singleshare@y... [mailto:singleshare@y...]
> > > Enviado el: Mi?rcoles, 20 de Junio de 2001 10:37
> > > Para: icomr75@y...
> > > Asunto: [icomr75] Data Slicer ?
> > >
> > >
> > > Hi All,

> > >
> > > Is it possible to use a data slicer with the R75 ?
> > > The REC-OUT works fine for sound card applications
> > > but not with a data slicer.
> > >
> > > Does anyone know of a tap point within the unit to
> > > use ?
> > >
> > > Thanks,
> > > Dean
> > >
> > >
> > > To unsubscribe from this group, send an email to:
> > > icomr75-unsubscribe@egroups.com
> > >
> > >
> > >
> > > Your use of Yahoo! Groups is subject to
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> > >
> > >
>
>
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> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

618. DATONG AD370 CABLES & CONNECTORS

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-06-27 17:52:25 UTC
From: William Conlan
Topic: 618 Message: 618

Hi Everyone,

Can anyone help me re: Datong AD370 cables & connectors for the
indoor PSU, I would like to get this aerial up and running again.
Hope someone can help,
MTIA,

Best Regards,

William.

619. Re: [icomr75] DATONG AD370 CABLES & CONNECTORS

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-06-28 03:13:07 UTC
From: Alan Johnson
Topic: 618 Message: 619

William-
The power plug is a 1/8" miniplug, tip positive. The coax connectors are available from Universal Radio, listed as KOK1 Grundig antenna plug (Order #0199).

Alan Johnson
----- Original Message -----
From: William Conlan
To: icomr75@yahoogroups.com
Sent: Wednesday, June 27, 2001 10:52 AM
Subject: [icomr75] DATONG AD370 CABLES & CONNECTORS

Hi Everyone,

Can anyone help me re: Datong AD370 cables & connectors for the
indoor PSU, I would like to get this aerial up and running again.
Hope someone can help,
MTIA,

Best Regards,

William.

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[Non-text portions of this message have been removed]

620. Frequency off by about 15 Hz - any fix?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-06-29 22:02:03 UTC
From: Bruce Jensen
Topic: 620 Message: 620

Hi, all - my R75 freq readout seems to be off by about
10 - 15 hz, ON AVERAGE, across the bands (the zero
beat frequency readout for an AM station such as WWV
is about that much higher than the known frequency).
Any easy fixes for this? This may be a quibble, but
it's nice to have things ***PERFECT*** right? ;-)

Thanks,
Bruce Jensen

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http://personal.mail.yahoo.com/

621. Re: [icomr75] Frequency off by about 15 Hz - any fix?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-06-29 03:11:35 UTC
From: Gert Nilsson
Topic: 620 Message: 621

L2 on the PLL unit fixes this problem
----- Original Message -----
From: Bruce Jensen
To: icomr75@yahoogroups.com
Sent: Saturday, June 30, 2001 12:02 AM
Subject: [icomr75] Frequency off by about 15 Hz - any fix?

Hi, all - my R75 freq readout seems to be off by about
10 - 15 hz, ON AVERAGE, across the bands (the zero
beat frequency readout for an AM station such as WWV
is about that much higher than the known frequency).
Any easy fixes for this? This may be a quibble, but
it's nice to have things ***PERFECT*** right? ;-)

Thanks,
Bruce Jensen

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[Non-text portions of this message have been removed]

622. Re: Frequency off by about 15 Hz - any fix?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-07-02 01:45:15 UTC
From: DanJBlack@prodigy.net
Topic: 620 Message: 622

--- In icomr75@y..., "Gert Nilsson" <gert.nilsson@m...> wrote:
> L2 on the PLL unit fixes this problem

BUT--before you go tweaking anything, be sure of three things:

1) That you have the R75 up to its proper ambient operating temperature. In other words, let it warm up a good long time. If you try to adjust it "cold", you will only be chasing yourself.

2) Keep the cabinet as nearly-together as possible when you make the adjustment. It would be a good idea to familiarize yourself with the location of the component you plan to adjust in advance, so you won't waste any time when making the tweak. Again, this keeps the receiver in as nearly-normal a situation as possible. Work quickly and get out quickly.

3) Don't use a metal tool. Use the proper, non-conductive adjustment tool to do the job.

Be aware that R75's, just as many other receivers, will drift slightly as the ambient temperature builds (unless you have the TCXO installed). I found that my R75 eased down by about 20-30 Hz or so, but then remained solid and stable as a rock from that point onward.

> ----- Original Message -----
> From: Bruce Jensen
> To: icomr75@y...
> Sent: Saturday, June 30, 2001 12:02 AM
> Subject: [icomr75] Frequency off by about 15 Hz - any fix?
>
>
> Hi, all - my R75 freq readout seems to be off by about
> 10 - 15 hz, ON AVERAGE, across the bands (the zero
> beat frequency readout for an AM station such as WWV
> is about that much higher than the known frequency).
> Any easy fixes for this? This may be a quibble, but
> it's nice to have things ***PERFECT*** right? ;-)
>
> Thanks,
> Bruce Jensen
>
> _____
> Do You Yahoo!?
> Get personalized email addresses from Yahoo! Mail
> http://personal.mail.yahoo.com/
>

> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
>
>
>
> [Non-text portions of this message have been removed]

623. Re: [icomr75] Re: Frequency off by about 15 Hz - any fix?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-07-02 15:34:27 UTC
From: Bruce Jensen
Topic: 620 Message: 623

Thanks, fellows, for the advice. I will let the
receiver run next time for an hour or so before taking
stock of the frequency discrepencies. It's not
something I cannot live with, mind you - I'm just
fussy sometimes.

Bruce Jensen
****
--- DanJBlack@... wrote:
> --- In icomr75@y..., "Gert Nilsson"
> <gert.nilsson@m...> wrote:
> > L2 on the PLL unit fixes this problem
>
> BUT--before you go tweaking anything, be sure of
> three things:
>
> 1) That you have the R75 up to its proper ambient
> operating
> temperature. In other words, let it warm up a good
> long time. If you
> try to adjust it "cold", you will only be chasing
> yourself.
>
> 2) Keep the cabinet as nearly-together as possible
> when you make the
> adjustment. It would be a good idea to familiarize
> yourself with the
> location of the component you plan to adjust in
> advance, so you won't
> waste any time when making the tweak. Again, this
> keeps the receiver
> in as nearly-normal a situation as possible. Work
> quickly and get
> out quickly.
>
> 3) Don't use a metal tool. Use the proper,
> non-conductive adjustment
> tool to do the job.
>
> Be aware that R75's, just as many other receivers,
> will drift
> slightly as the ambient temperature builds (unless
> you have the TCXO
> installed). I found that my R75 eased down by about
> 20-30 Hz or so,

> but then remained solid and stable as a rock from
> that point onward.
>
> > ----- Original Message -----
> > From: Bruce Jensen
> > To: icomr75@y...
> > Sent: Saturday, June 30, 2001 12:02 AM
> > Subject: [icomr75] Frequency off by about 15 Hz
> - any fix?
> >
> >
> > Hi, all - my R75 freq readout seems to be off by
> about
> > 10 - 15 hz, ON AVERAGE, across the bands (the
> zero
> > beat frequency readout for an AM station such as
> WWV
> > is about that much higher than the known
> frequency).
> > Any easy fixes for this? This may be a quibble,
> but
> > it's nice to have things ***PERFECT*** right?
> ;-)
> >
> > Thanks,
> > Bruce Jensen
> >
> >
> _____
> > Do You Yahoo!?
> > Get personalized email addresses from Yahoo!
> Mail
> > http://personal.mail.yahoo.com/
> >
> > To unsubscribe from this group, send an email
> to:
> > icomr75-unsubscribe@egroups.com
> >
> >
> >
> > Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of
> Service.
> >
> >
> >
> > [Non-text portions of this message have been
> removed]
>
>

=====
Bruce Jensen, associate of:
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
American Coaster Enthusiasts http://www.aceonline.org/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

_____
Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail
http://personal.mail.yahoo.com/

624. Re: Frequency off by about 15 Hz - any fix?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-07-03 02:16:09 UTC
From: Michael Moore
Topic: 620 Message: 624

--- In icomr75@y..., Bruce Jensen <bpnjensen@y...> wrote:
> Thanks, fellows, for the advice. I will let the
> receiver run next time for an hour or so before taking
> stock of the frequency discrepencies. It's not
> something I cannot live with, mind you - I'm just
> fussy sometimes.
>
> Bruce Jensen
> ***********

I don't know if it was mentioned before, but you need to select a station you know is dead on and put the radio in SSB mode (unless you have a decent frequency counter) -- preferably a higher frequency station to ensure better calibration. Only the top cover of the radio needs to be removed. When putting the screw driver into L2, make sure the radio is off but when you have the driver in place turn the radio back on (I'm assuming that the radio has already been running for an hour). You need to keep the radio on while adjusting L2 -- don't be afraid to overshoot because you can turn it back -- until it sounds just right, that is LSB and USB should both sound the same. Before removing the driver, turn the radio off, just in case your clumsy. The R75 manual indicates the location of L2 -- there is a "can" without a top around the area where L2 is.

--
Michael Moore

625. Re: [icomr75] Digest Number 161

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-07-03 11:22:35 UTC
From: Tony Berry
Topic: 625 Message: 625

You are all to FUSSY ! and I bet that that your friends cannot stand you !!!!!for crying out aloud !why did you all that moan about the R-75 BUY IT IN THE 1ST PLACE ????? are there any people in this group satisfied with their R-75 ???
Tony

----- Original Message -----
From: <icomr75@yahoogroups.com>
To: <icomr75@yahoogroups.com>
Sent: Tuesday, July 03, 2001 9:13 AM
Subject: [icomr75] Digest Number 161

> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
> --
>
> There are 2 messages in this issue.
>
> Topics in this digest:
>
> 1. Re: Re: Frequency off by about 15 Hz - any fix?
> From: Bruce Jensen <bpnjensen@...>
> 2. Re: Frequency off by about 15 Hz - any fix?
> From: "Michael Moore" <m.moore@...>
>
>
> ____
> ____
>
> Message: 1
> Date: Mon, 2 Jul 2001 08:34:27 -0700 (PDT)
> From: Bruce Jensen <bpnjensen@...>
> Subject: Re: Re: Frequency off by about 15 Hz - any fix?
>
> Thanks, fellows, for the advice. I will let the
> receiver run next time for an hour or so before taking
> stock of the frequency discrepencies. It's not
> something I cannot live with, mind you - I'm just
> fussy sometimes.
>
> Bruce Jensen
> ************
> --- DanJBlack@... wrote:

> > --- In icomr75@y..., "Gert Nilsson"
> > <gert.nilsson@m...> wrote:
> > > L2 on the PLL unit fixes this problem
> >
> > BUT--before you go tweaking anything, be sure of
> > three things:
> >
> > 1) That you have the R75 up to its proper ambient
> > operating
> > temperature. In other words, let it warm up a good
> > long time. If you
> > try to adjust it "cold", you will only be chasing
> > yourself.
> >
> > 2) Keep the cabinet as nearly-together as possible
> > when you make the
> > adjustment. It would be a good idea to familiarize
> > yourself with the
> > location of the component you plan to adjust in
> > advance, so you won't
> > waste any time when making the tweak. Again, this
> > keeps the receiver
> > in as nearly-normal a situation as possible. Work
> > quickly and get
> > out quickly.
> >
> > 3) Don't use a metal tool. Use the proper,
> > non-conductive adjustment
> > tool to do the job.
> >
> > Be aware that R75's, just as many other receivers,
> > will drift
> > slightly as the ambient temperature builds (unless
> > you have the TCXO
> > installed). I found that my R75 eased down by about
> > 20-30 Hz or so,
> > but then remained solid and stable as a rock from
> > that point onward.
> >
> > > ----- Original Message -----
> > > From: Bruce Jensen
> > > To: icomr75@y...
> > > Sent: Saturday, June 30, 2001 12:02 AM
> > > Subject: [icomr75] Frequency off by about 15 Hz
> > - any fix?
> > >
> > >
> > > Hi, all - my R75 freq readout seems to be off by
> > about
> > > 10 - 15 hz, ON AVERAGE, across the bands (the

> > zero
> > > beat frequency readout for an AM station such as
> > WWV
> > > is about that much higher than the known
> > frequency).
> > > Any easy fixes for this? This may be a quibble,
> > but
> > > it's nice to have things ***PERFECT*** right?
> > ;-)
> > >
> > > Thanks,
> > > Bruce Jensen
> > >
> > >
> > _____
> > > Do You Yahoo!?
> > > Get personalized email addresses from Yahoo!
> > Mail
> > > http://personal.mail.yahoo.com/
> > >
> > > To unsubscribe from this group, send an email
> > to:
> > > icomr75-unsubscribe@egroups.com
> > >
> > >
> > >
> > > Your use of Yahoo! Groups is subject to the
> > Yahoo! Terms of
> > Service.
> > >
> > >
> > >
> > > [Non-text portions of this message have been
> > removed]
> > >
> > >
>
>
> =====
> Bruce Jensen, associate of:
> The Astronomy Connection http://observers.org/
> Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
> American Coaster Enthusiasts http://www.aceonline.org/
> ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio
>
> _____
> Do You Yahoo!?
> Get personalized email addresses from Yahoo! Mail
> http://personal.mail.yahoo.com/
>

>
> ---
> ---
>
> Message: 2
> Date: Tue, 03 Jul 2001 02:16:09 -0000
> From: "Michael Moore" <m.moore@...>
> Subject: Re: Frequency off by about 15 Hz - any fix?
>
> --- In icomr75@y..., Bruce Jensen <bpnjensen@y...> wrote:
> > Thanks, fellows, for the advice. I will let the
> > receiver run next time for an hour or so before taking
> > stock of the frequency discrepencies. It's not
> > something I cannot live with, mind you - I'm just
> > fussy sometimes.
> >
> > Bruce Jensen
> > **********
>
> I don't know if it was mentioned before, but you need to select a
> station you know is dead on and put the radio in SSB mode (unless you
> have a decent frequency counter) -- preferably a higher frequency
> station to ensure better calibration. Only the top cover of the radio
> needs to be removed. When putting the screw driver into L2, make sure
> the radio is off but when you have the driver in place turn the radio
> back on (I'm assuming that the radio has already been running for an
> hour). You need to keep the radio on while adjusting L2 -- don't be
> afraid to overshoot because you can turn it back -- until it sounds
> just right, that is LSB and USB should both sound the same. Before
> removing the driver, turn the radio off, just in case your clumsy.
> The R75 manual indicates the location of L2 -- there is a "can"
> without a top around the area where L2 is.
>
> --
> Michael Moore
>
>
>
> ---
> ---
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

626. Re: [icomr75] Digest Number 161

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-07-03 13:32:58 UTC
From: k1ygg@aol.com
Topic: 625 Message: 626

I like it !! Jim

[Non-text portions of this message have been removed]

627. RE: [icomr75] Digest Number 161

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-07-03 17:38:56 UTC
From: Mark Veldhuis
Topic: 625 Message: 627

Hello,

> -----Original Message-----
> From: Tony Berry [mailto:tyberry@...]
> Sent: Tuesday, July 03, 2001 1:23 PM
> To: icomr75@yahoogroups.com
> Subject: Re: [icomr75] Digest Number 161
>
> You are all to FUSSY ! and I bet that that your friends cannot stand
you
> !!!!!for crying out aloud !why did you all that moan about the R-75
BUY
> IT
> IN THE 1ST PLACE ????? are there any people in this group satisfied
with
> their R-75 ???

Yes, I am. No receiver is 100% perfect, and nor is the R75. But in general, I am very happy with it. I actually like it more than the AR7030 I owned a couple of years ago.

Best 73'
Mark Veldhuis.

628. Re: [icomr75] Digest Number 161

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-07-03 18:21:27 UTC
From: lLori Jackson
Topic: 625 Message: 628

halle loo-ool--yah!!!!

----- Original Message -----
From: Mark Veldhuis <veldhuis@...>
To: <icomr75@yahoogroups.com>
Sent: Tuesday, July 03, 2001 10:38 AM
Subject: RE: [icomr75] Digest Number 161

> Hello,
>
>
>
> > -----Original Message-----
> > From: Tony Berry [mailto:tyberry@...]
> > Sent: Tuesday, July 03, 2001 1:23 PM
> > To: icomr75@yahoogroups.com
> > Subject: Re: [icomr75] Digest Number 161
> >
> > You are all to FUSSY ! and I bet that that your friends cannot stand
> you
> > !!!!!for crying out aloud !why did you all that moan about the R-75
> BUY
> > IT
> > IN THE 1ST PLACE ????? are there any people in this group satisfied
> with
> > their R-75 ???
>
> Yes, I am. No receiver is 100% perfect, and nor is the R75. But in
> general, I am very happy with it. I actually like it more than the
> AR7030 I owned a couple of years ago.
>
>
> Best 73'
> Mark Veldhuis.
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

629. RE: [icomr75] Digest Number 161

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-07-03 18:31:37 UTC
From: Bruce Jensen
Topic: 625 Message: 629

--- Mark Veldhuis <veldhuis@...> wrote:
> Hello,
>
> > -----Original Message-----
> > From: Tony Berry [mailto:tyberry@...]
> > Sent: Tuesday, July 03, 2001 1:23 PM
> > To: icomr75@yahoogroups.com
> > Subject: Re: [icomr75] Digest Number 161
> >
> > You are all to FUSSY ! and I bet that that your
> friends cannot stand you!!!!!for crying out aloud
!why did you all that moan about the R-75 BUY
> > IT IN THE 1ST PLACE ????? are there any people in
> this group satisfied with their R-75 ???
>
> Yes, I am. No receiver is 100% perfect, and nor is
> the R75. But in general, I am very happy with it. I
actually like it more than the AR7030 I owned a couple
of years ago.<

I wrote Tony a private note, but I thought I'd add
this -

One big reason that this group started is because R75
owners have found that this basically excellent
receiver is still not perfect, and sought to compare
notes and ideas on how it can be improved to a level
of excellence befitting its heritage and pricetag. To
that end, this group has done a splendid job - the
result has been innumerable helpful tips and the
establishment of some new wonderful mods that Kiwa has
agreed to perform professionally.

With my specific query, when you pay 100's of $$$ for
a radio with 1 Hz tuning capability and find that it
is 15 of those Hz off center, what is the use of
having that level of precision when you don't have
accuracy to match? The repair of such an error is a
valid concern (not a complaint, really), and perfectly
reasonable for this group.

Perhaps Tony is completely satisfied with his R75, and
joined this group to join in the lovefest - well, we
do that too, but there is much to be said for pursuing
excellence. Hey, Tony, you never know - you might
just find that the gripes we have here today will

result in your own radio performing better for you
tomorrow. So, live and let live eh?

Bruce Jensen

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http://personal.mail.yahoo.com/

630. Q-Tek Cyclops Wire Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-07-03 21:09:31 UTC
From: William Conlan
Topic: 630 Message: 630

Hi All,
RE Qtek cyclops wire antenna
has anyone bought and installed this ant, would be v.int to hear
results.
Mine is v.noisey but having attached an RF sys Balun and
Global
Atu, things ahave really picked up, although this does negate the
built in balun noise cancellor, any info.....
I have contacted Haydon and was told the rf in my are is probable
cause.
Most unhappy with the outcome from Haydon as they said send it back
buy we will have to re package and allow you less money than you paid
for it ,not much quarantee is it.
Nice when you enqiure but totally diff when you coimplain.

Is Mike Haydon still envolved.......
Thanks you lot, any info please,

Best Regards,

Bill SW Ireland.

631. Constructional pics for longwire

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-07-08 16:59:09 UTC
From: William Conlan
Topic: 631 Message: 631

Hi everyone,

Could anyone point me to a site where I can find pics of how to construct a long wire antenna.

I came upon them sometime back have have lost the links,

Thanks in advance guys & gals,

Bill.

632. Slinky antenna details?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-07-08 23:53:08 UTC
From: DFW1417@yahoo.com
Topic: 632 Message: 632

If anyone has those please post them. I have 1 or 2 metal slinky's
and have heard they make GREAT SW antennas.

Wayne.

633. Re: Constructional pics for longwire

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-07-10 11:56:09 UTC
From: kf4gnl@yahoo.com
Topic: 631 Message: 633

Try these two out:

http://www.hard-core-dx.com/index.html

http://www.cebik.com/radio.html

634. scanning software... anyone using RS-R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-07-12 00:05:39 UTC
From: wb6shi@yahoo.com
Topic: 634 Message: 634

Was wondering if anyone is using the RS-R75 software and if so is it worth the money.

Norm
WB6SHI

635. poor S meter sensitivity

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-07-13 15:05:14 UTC
From: sratzlaf@flash.net
Topic: 635 Message: 635

Hi.
I've had my used R75 for a month or so now; I added 250Hz CW INRAD filters in both 9Mc and 455kc positions. I do mainly weak signal LF/beacon hunting with the radio, using the narrow filter, with some Papua New Guinea/Indonesian Tropical Band listening as well, using mainly LSB.
But in any mode/filter combination, I notice the S meter is pretty much worthless; it takes a strong signal with the preamp 1 activated to begin to get any S meter reading. I've learned to do without it now, since it never shows anything for the LF work. Using a signal generator I've measured the S0 level where the S meter just shows as about -70dBm, which is a pretty good-level signal. My AR-7030 starts showing S meter readings around -93dBm.

I wonder if anyone else has noticed whether their S meter is not as sensitive compared to whatever receiver the R75 replaced?

Overall, I really like the R75; in fact it's replaced my AR7030 for LF listening. The 7030 only had a 500Hz filter; having the 250 Hz filter really makes a difference for crowded beacon channels. And the R75 is much more sensitive than the 7030. I use Preamp 1 for LF listening and find I can hear quite a bit weaker signals than the 7030, even with its preamp on, could hear. I think for the price, the R75 is a tremendous receiver, warts and all. (I'm not getting rid of the 7030, though!)

I've considered doing the AMBCB attenuator mod, but my sensitivity tests of the R75 with a signal generator (HP8640B) show more than adequate sensitivity, especially with Preamp 1 on, for my listening needs. I'll leave the attenuator alone in my radio. I agree the AM mode leaves a lot to be desired; I rarely use it, preferring SSB; and of course the sync detector, as many others have found, does nothing. After experiencing real sync detector operation on the AR-7030, everything else comes up far short. But the R75 has one of the best noise blankers I've ever experienced, rivalling Drake's R8 series noise blanker and Yaesu'e old FRG-7700 noise blanker--truly superb. The 7030+ noise blanker does not begin to do anything on my rare times of local noise, whereas the R75's blanker completely removes all the noise. (I tried a Drake R8B for several weeks and found it worthless for my CW utility listening requirements, plus its LC filters had poor shape factors, letting lots of LF adjacent channel interference through. But the R8B did very well for Tropical Band listening.)

Steve Ratzlaff AA7U
Palo Alto, CA

636. Re: poor S meter sensitivity

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-07-14 23:10:44 UTC
From: Michael Moore
Topic: 635 Message: 636

--- In icomr75@y..., sratzlaf@f... wrote:
> Hi.
> I've had my used R75 for a month or so now; I added 250Hz CW INRAD
> filters in both 9Mc and 455kc positions. I do mainly weak signal
> LF/beacon hunting with the radio, using the narrow filter, with some
> Papua New Guinea/Indonesian Tropical Band listening as well, using
> mainly LSB.
> But in any mode/filter combination, I notice the S meter is pretty
> much worthless; it takes a strong signal with the preamp 1 activated
> to begin to get any S meter reading. I've learned to do without it
> now, since it never shows anything for the LF work. Using a signal
> generator I've measured the S0 level where the S meter just shows as
> about -70dBm, which is a pretty good-level signal. My AR-7030 starts
> showing S meter readings around -93dBm.

Well, it's true that the AR7030 consistently shows a higher S meter
reading than the R75 -- I always thought the AR7030 meter was useless
because I would get an S8 or S9 reading on a signal it was barely
picking up (at least in the lower frequencies) -- I guess it's a
matter of perspective.

> I wonder if anyone else has noticed whether their S meter is not as
> sensitive compared to whatever receiver the R75 replaced?

For what it's worth, I get the same S meter readings on the R75
with the preamp off as I do on the R8500.

--
Michael Moore

637. Re: [icomr75] poor S meter sensitivity

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-07-16 01:11:23 UTC
From: Radostin Danev
Topic: 635 Message: 637

Hi Steve,

As you have a signal generator you can try the factory alignment procedures.
They include an S-meter calibration. Or you can do only the S-meter calib.
You can find the instructions in the Files section of this group:

http://groups.yahoo.com/group/icomr75/files/Information/

If you try them tell us about the results.

Best regards,

Rado

----- Original Message -----
From: <sratzlaf@...>
To: <icomr75@yahoogroups.com>
Sent: Saturday, July 14, 2001 12:05 AM
Subject: [icomr75] poor S meter sensitivity

> Hi.
> I've had my used R75 for a month or so now; I added 250Hz CW INRAD
> filters in both 9Mc and 455kc positions. I do mainly weak signal
> LF/beacon hunting with the radio, using the narrow filter, with some
> Papua New Guinea/Indonesian Tropical Band listening as well, using
> mainly LSB.
> But in any mode/filter combination, I notice the S meter is pretty
> much worthless; it takes a strong signal with the preamp 1 activated
> to begin to get any S meter reading. I've learned to do without it
> now, since it never shows anything for the LF work. Using a signal
> generator I've measured the S0 level where the S meter just shows as
> about -70dBm, which is a pretty good-level signal. My AR-7030 starts
> showing S meter readings around -93dBm.
>
> I wonder if anyone else has noticed whether their S meter is not as
> sensitive compared to whatever receiver the R75 replaced?
>
> Overall, I really like the R75; in fact it's replaced my AR7030 for LF
> listening. The 7030 only had a 500Hz filter; having the 250 Hz filter
> really makes a difference for crowded beacon channels. And the R75 is
> much more sensitive than the 7030. I use Preamp 1 for LF listening and
> find I can hear quite a bit weaker signals than the 7030, even with
> its preamp on, could hear. I think for the price, the R75 is a
> tremendous receiver, warts and all. (I'm not getting rid of the 7030,
> though!)
>
> I've considered doing the AMBCB attenuator mod, but my sensitivity

> tests of the R75 with a signal generator (HP8640B) show more than
> adequate sensitivity, especially with Preamp 1 on, for my listening
> needs. I'll leave the attenuator alone in my radio. I agree the AM
> mode leaves a lot to be desired; I rarely use it, preferring SSB; and
> of course the sync detector, as many others have found, does nothing.
> After experiencing real sync detector operation on the AR-7030,
> everything else comes up far short. But the R75 has one of the best
> noise blankers I've ever experienced, rivalling Drake's R8 series
> noise blanker and Yaesu'e old FRG-7700 noise blanker--truly superb.
> The 7030+ noise blanker does not begin to do anything on my rare times
> of local noise, whereas the R75's blanker completely removes all the
> noise. (I tried a Drake R8B for several weeks and found it worthless
> for my CW utility listening requirements, plus its LC filters had poor
> shape factors, letting lots of LF adjacent channel interference
> through. But the R8B did very well for Tropical Band listening.)
>
> Steve Ratzlaff AA7U
> Palo Alto, CA
>
>
>
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638. Re: [icomr75] poor S meter sensitivity

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-07-16 03:10:31 UTC
From: Steve Ratzlaff
Topic: 635 Message: 638

Hi Rado,
Tnx. for the tip. I'll try the calib. sometime and see what happens!
Steve

Radostin Danev wrote:
>
> Hi Steve,
>
> As you have a signal generator you can try the factory alignment
> procedures.
> They include an S-meter calibration. Or you can do only the S-meter
> calib.
> You can find the instructions in the Files section of this group:
>
> http://groups.yahoo.com/group/icomr75/files/Information/
>
> If you try them tell us about the results.
>
> Best regards,
>
> Rado
>
> ----- Original Message -----
> From: <sratzlaf@...>
> To: <icomr75@yahoogroups.com>
> Sent: Saturday, July 14, 2001 12:05 AM
> Subject: [icomr75] poor S meter sensitivity
>
> > Hi.
> > I've had my used R75 for a month or so now; I added 250Hz CW INRAD
> > filters in both 9Mc and 455kc positions. I do mainly weak signal
> > LF/beacon hunting with the radio, using the narrow filter, with some
> > Papua New Guinea/Indonesian Tropical Band listening as well, using
> > mainly LSB.
> > But in any mode/filter combination, I notice the S meter is pretty
> > much worthless; it takes a strong signal with the preamp 1 activated
> > to begin to get any S meter reading. I've learned to do without it
> > now, since it never shows anything for the LF work. Using a signal
> > generator I've measured the S0 level where the S meter just shows as
> > about -70dBm, which is a pretty good-level signal. My AR-7030 starts
> > showing S meter readings around -93dBm.
> >
> > I wonder if anyone else has noticed whether their S meter is not as
> > sensitive compared to whatever receiver the R75 replaced?
> >

> > Overall, I really like the R75; in fact it's replaced my AR7030 for
> LF
> > listening. The 7030 only had a 500Hz filter; having the 250 Hz
> filter
> > really makes a difference for crowded beacon channels. And the R75
> is
> > much more sensitive than the 7030. I use Preamp 1 for LF listening
> and
> > find I can hear quite a bit weaker signals than the 7030, even with
> > its preamp on, could hear. I think for the price, the R75 is a
> > tremendous receiver, warts and all. (I'm not getting rid of the
> 7030,
> > though!)
> >
> > I've considered doing the AMBCB attenuator mod, but my sensitivity
> > tests of the R75 with a signal generator (HP8640B) show more than
> > adequate sensitivity, especially with Preamp 1 on, for my listening
> > needs. I'll leave the attenuator alone in my radio. I agree the AM
> > mode leaves a lot to be desired; I rarely use it, preferring SSB;
> and
> > of course the sync detector, as many others have found, does
> nothing.
> > After experiencing real sync detector operation on the AR-7030,
> > everything else comes up far short. But the R75 has one of the best
> > noise blankers I've ever experienced, rivalling Drake's R8 series
> > noise blanker and Yaesu'e old FRG-7700 noise blanker--truly superb.
> > The 7030+ noise blanker does not begin to do anything on my rare
> times
> > of local noise, whereas the R75's blanker completely removes all the
> > noise. (I tried a Drake R8B for several weeks and found it worthless
> > for my CW utility listening requirements, plus its LC filters had
> poor
> > shape factors, letting lots of LF adjacent channel interference
> > through. But the R8B did very well for Tropical Band listening.)
> >
> > Steve Ratzlaff AA7U
> > Palo Alto, CA
> >
> >
> >
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640. Re: Dynamic range of the R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-07-16 21:30:42 UTC
From: rsakabu@pwav.com
Topic: 640 Message: 640

--- In icomr75@y..., gert_nilsson2002@y... wrote:
> Icom Europe claims 103,5 db with IP3 + 22dBm at 14 MHz 500 Hz
filters
> 100 kHz spacing. Most of us are interested in DR with SSB filters
and
> close in signals, say 5 kHz. Any information someone?

Is this 103.5 dB DR at default setting or with Preamp 2 on at the low
end and ATT on at the high end?

641. Re: [icomr75] Dynamic range of the R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-07-17 00:18:07 UTC
From: Steve Ratzlaff
Topic: 640 Message: 641

Hi,
I haven't tried to do anything on my R75 other than check the MDS and when the agc activates. Since I have two sig gens, perhaps I should try a more realistic DR test with 20kHz or closer. When I do, I'll post my results. I only have 250Hz filters, so that will sort of make the results look better than for a 500Hz filter.
Steve

gert_nilsson2002@... wrote:
>
> Icom Europe claims 103,5 db with IP3 + 22dBm at 14 MHz 500 Hz filters
> 100 kHz spacing. Most of us are interested in DR with SSB filters and
> close in signals, say 5 kHz. Any information someone?
>
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642. R75 dynamic range tests

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-07-17 03:01:06 UTC
From: sratzlaf@flash.net
Topic: 642 Message: 642

Hi.
I was motivated to try to obtain some two-tone dynamic range results.
The following was done with no preamp on, and with Preamp 1 on, at
3500kHz, at tone spacings of 20, 10, 5kHz, in CW mode using my INRAD
9Mc/455kc 250Hz filters. I used the ARRL method with the intermod
product observed at the MDS level. R75 s/n 01288, purchased used,
stock except for addition of 250Hz INRAD filters.

Preamp off
MDS -135dBm
20kc spacing, IMD at -38dBm, 135 - 38 = 97dB dynamic range

10kc spacing, IMD at -48dBm, 135 - 48 = 87dB DR

5kc spacing, IMD at -54dBm, 135 - 54 = 81dB DR

Preamp 1 on
MDS -143dBm
20kc spacing, IMD at -49dBm, 143 - 49 = 94dB DR

10kc spacing, IMD at -51.5dBm, 143 - 51.5 = 85.5dB DR

5kc spacing, IMD at -63dBm, 143 - 63 = 80dB DR

Test equipment consisted of two HP8640B signal generators; homemade
combiner with large cores, with about 40-45dB port to port isolation;
HP3400A true rms voltmeter.

This is the first time I've tried a 5kc spacing DR; the ARRL has
recently published some receiver tests done at the 5kc spacing--the
little Elecraft K2 kit transceiver was some 15-20dB better DR than any
other radio they tested, including fancy $3500. radios! See the note
on Elecraft's webpage, http://www.elecraft.com

Steve Ratzlaff AA7U
Palo Alto, CA

643. Re: [icomr75] Re: Dynamic range of the R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-07-17 03:50:34 UTC
From: Gert Nilsson
Topic: 640 Message: 643

Preamplifier 1 on!
----- Original Message -----
From: rsakabu@...
To: icomr75@yahoogroups.com
Sent: Monday, July 16, 2001 11:30 PM
Subject: [icomr75] Re: Dynamic range of the R75

--- In icomr75@y..., gert_nilsson2002@y... wrote:
> Icom Europe claims 103,5 db with IP3 + 22dBm at 14 MHz 500 Hz
filters
> 100 kHz spacing. Most of us are interested in DR with SSB filters
and
> close in signals, say 5 kHz. Any information someone?

Is this 103.5 dB DR at default setting or with Preamp 2 on at the low
end and ATT on at the high end?

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[Non-text portions of this message have been removed]

644. DR R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-07-17 06:06:41 UTC
From: gert_nilsson2002@yahoo.se
Topic: 644 Message: 644

The complete data from Icom Europe is as follows:

Preamplifier 1 on 14 MHz 100 kHz spacing 500 kHz filters:
103,5 dB + 16dBM IP3

Preamplifiers off

104,5 dB + 22 dBm

They also have a chart of the sensitivity:
(SSB presumed?)

0,2 - 1,6 MHz 0,5 uV
1,6 - 0,1 uV

645. Re: [icomr75] DR R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-07-19 06:52:51 UTC
From: aunumero13@aol.com
Topic: 644 Message: 645

Hi Gert,

> They also have a chart of the sensitivity (SSB presumed?)
>
> 0,2 - 1,6 MHz 0,5 uV
> 1,6 - 0,1 uV
>

My instruction manual shows the following figures :
0.1 - 1.8 2.0 uV (SSB, preamp OFF, 10dB S/N)
1.8 - 29.9 0.16 uV (SSB, preamp 1 ON)

Why such a difference below 1.8 MHz ?

Pat (France)

[Non-text portions of this message have been removed]

646. Re: [icomr75] DR R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-07-19 16:24:57 UTC
From: Paul Bigelow
Topic: 644 Message: 646

Hello,

Because the R-75, like most communications receivers, has
the BCB portion and below desensitized to avoid problems
with IP3. It's a "time honored" practice despite the availablity
of superior front end devices.

Some receivers such as the AR7030 and the R-390 have
full BCB sensitiviity (and IP3 specs to allow it).

Best regards,

Paul Bigelow

aunumero13@... on 07/19/2001 01:52:51 am

Please respond to icomr75@yahoogroups.com

To: icomr75@yahoogroups.com
cc:
Subject: Re: [icomr75] DR R-75

Hi Gert,

> They also have a chart of the sensitivity (SSB presumed?)
>
> 0,2 - 1,6 MHz 0,5 uV
> 1,6 - 0,1 uV
>

My instruction manual shows the following figures :
0.1 - 1.8 2.0 uV (SSB, preamp OFF, 10dB S/N)
1.8 - 29.9 0.16 uV (SSB, preamp 1 ON)

Why such a difference below 1.8 MHz ?

Pat (France)

[Non-text portions of this message have been removed]

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647. 530-1700 MW-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-07-24 03:38:28 UTC
From: G.I. Joe
Topic: 647 Message: 647

I know we rarely talk actual performance on stations and what we hear here but I got the answer to my questions about MW - AM 530-1700 kHz performance on a stock R-75 with dsp UT-106
I logged over 80 stations in 4 days, most during the day!(I am still IDing them) There still is more and a whole new world at night. Using a discone RS all band scanner antenna on a mast slightly above my chimney (single floor dwelling) with whole lotta coax drapped across the deck, I also got similar performance but not as clean with the radio shack bare wire stretched the length of the roof and about 5 feet above it with a short slopped run into whole bunch of coax dragged across the yard (not sure I like either and don't want to hack a lot of coax yet, its only been like this a year or so or in other words 'I'll be damned if I am going to crawl into a hot Texas attic for some time to come')
I bought a RS (Radio Shack) AM loop and am not really sure whether it helps or not yet as the its designed for internal am antennae but I did log a few more today that I didn't find before. If I plug it in to the PL 258 antennae input instead of an any other antennae, I can tell by turning the tuning knob it does work but poorly compared to any other antennae. I would like to know if anyone has compared the RS loop to the Terk loop. As i could still use one for my ATS 909/DX 398?
Joe in
RENO (TEXAS)
NWN of FT. Worth by about 20 miles.

648. Question about KIWA mods...

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-02 17:38:54 UTC
From: Bruce Jensen
Topic: 648 Message: 648

Hi, all - I would like to the get the KIWA mods soon. However, my understanding of those mods for the filters is removal of the 15kHz filter, popping the 6 in it's place, and putting the 3.8 where the 6 used to be. By my reckoning, that still leaves a spare 455 kHz filter space open. It also leaves a 15kHz filter without a home.

I would like to retain the 15kHz filter for use on FM. Is there any reason why the 15kHz could not be reinserted and reassigned in the remaining spare filter slot?

Is there some reason why I would not want to do this?

Thanks,
Bruce Jensen

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http://phonecard.yahoo.com/

649. Re: Question about KIWA mods...

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-02 23:07:50 UTC
From: rsakabu@pwav.com
Topic: 648 Message: 649

Don't do it!
The swap, I mean. Get the wide AND the narrow filters and replace both while you are in the radio. The wide replacement is about 10kHz and keeps most of the fidelity for AM MW BCB stations and really helps reduce the heterodyne "whistle" if two shortwave stations are close together, but you'll still hear good sound. The narrow filter is the more difficult one to swap, the wide filter replacement is a drop in replacement. If you put the stock narrow filter in the wide slot you now have a good narrow filtered sound, and a mushy narrow filtered sound and no more good fidelity sound.
If you have to get just one filter, get the narrow filter, replace just the narrow filter leaving the wide filter as is and wait until you can afford the wide replacement. If you get both at once, I think you'll save a few dollars also.
I bought my 2010 used and the previous owner did the conventional replacement and swap. While the narrow filter worked really well, the "wide" setting with the stock narrow filter sounded pretty lousy. Later, I got the wide Kiwa replacement and it really improved the sound.

73
Roy

650. Re: KIWA mods...Apology

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-03 05:22:27 UTC
From: rsakabu@pwav.com
Topic: 648 Message: 650

I blew it. I also belong to the Sony 2010 group and mistook this question for the Kiwa mod for the 2010. Please disregard my previous post, unless you intend to mod the Sony 2010, then you can heed my advice :)

651. Re: [icomr75] Re: KIWA mods...Apology

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-03 05:34:28 UTC
From: Bruce Jensen
Topic: 648 Message: 651

--- rsakabu@... wrote:
> I blew it. I also belong to the Sony 2010 group and
> mistook this
> question for the Kiwa mod for the 2010. Please
> disregard my previous
> post, unless you intend to mod the Sony 2010, then
> you can heed my
> advice :)

Yeah - I was taken aback (not to mention confused) by
your comments, until I read that 2010 reference at the
bottom - then it struck me that you're in the realm of
multiple radios, and in the dark the little displays
all look the same ;-)

73,
Bruce Jensen

=====
Bruce Jensen, associate of:
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
American Coaster Enthusiasts http://www.aceonline.org/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

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652. ilter settings

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-05 08:51:32 UTC
From: lew chapman
Topic: 652 Message: 652

Greetings from South Australia. I am now the owner of
a R75 and very happy with the set. I am using it
mainly for SSTV @ home and doing quite well with the
inverted V wire. It has standard filters @ this stage
with DSP unit. I would just like an explanation on the
EXP on or off setting in the filter settings Also
where the circuit diagram or at least block Diag. can
be obtained.

_____
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http://phonecard.yahoo.com/

653. Re: [icomr75] antenna suggestions?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-05 11:05:51 UTC
From: cntrline@mindspring.com
Topic: 652 Message: 653

My 75 is ordered and antenna suggestions are needed. First choice would be something reasonably compact and portable, if there is such an option that works properly. Seems like someone once mentioned 60 ft of wire wound on a 6 ft dowel, how did that do? Any help would be greatly appreciated. Ron.

654. Best Settings

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-05 21:39:10 UTC
From: upperlimits@eircom.net
Topic: 654 Message: 654

Hi everyone,

I have the IC-R75 and was wondering if anyone can tell me the best setting to have it on for USB. I have tried changing the diff settings from the menu but dont know which is right or wrong. I dont have the DSP unit fitted as yet so will my fiddeling with the filter setting be in vain untill the DSP unit is fitted or what.
Any info greatly appreciated,

Best Regards,

Bill.

p.s. Yes I have a manual but it dosnt go into any great detail
p.s. Will the addition of the DSP unit make a wonderous difference or will i hardly notice!

655. Re: [icomr75] Question about KIWA mods...

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-06 01:49:00 UTC
From: Radostin Danev
Topic: 648 Message: 655

Hi Bruce,

> Hi, all - I would like to the get the KIWA mods soon.
> However, my understanding of those mods for the
> filters is removal of the 15kHz filter, popping the 6
> in it's place, and putting the 3.8 where the 6 used to
> be. By my reckoning, that still leaves a spare 455
> kHz filter space open. It also leaves a 15kHz filter
> without a home.

That's true. Remember however that the 6kHz and 15kHz fixed filters are at 450kHz!

> I would like to retain the 15kHz filter for use on FM.
> Is there any reason why the 15kHz could not be
> reinserted and reassigned in the remaining spare
> filter slot?

The reason for this is above.
The filter in the "optional filter slot" should be 455 kHz i.e. it could not be used for synchronous AM. This is why the filter mod exists (and also many people like me do not use FM ... we don't need the 15kHz filter).
The design by Icom to have two 3-rd IFs (455 and 450kHz) is strange - they could have made everything to use 455.

Best regards,

Rado

656. Re: [icomr75] ilter settings

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-06 01:52:56 UTC
From: Radostin Danev
Topic: 652 Message: 656

Hi Lew,

Congratulations on the new radio!

> Greetings from South Australia. I am now the owner of
> a R75 and very happy with the set. I am using it
> mainly for SSTV @ home and doing quite well with the
> inverted V wire. It has standard filters @ this stage
> with DSP unit. I would just like an explanation on the
> EXP on or off setting in the filter settings Also
> where the circuit diagram or at least block Diag. can
> be obtained.

I don't know exactly what the EXP is doing (mine is always ON). I think it
allows for more 2nd/3rd IF filter combinations.

A lot of information (schematics, alignment procedures etc.) you can find in
the Files section of this group.
The link is:

http://groups.yahoo.com/group/icomr75/files

Best regards,

Rado

657. Re: Question about KIWA mods...

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-06 07:28:33 UTC
From: Michael Moore
Topic: 648 Message: 657

--- In icomr75@y..., "Radostin Danev" <rado@n...> wrote:
> Hi Bruce,
>
> > Hi, all - I would like to the get the KIWA mods soon.
> > However, my understanding of those mods for the
> > filters is removal of the 15kHz filter, popping the 6
> > in it's place, and putting the 3.8 where the 6 used to
> > be. By my reckoning, that still leaves a spare 455
> > kHz filter space open. It also leaves a 15kHz filter
> > without a home.

The 6 seems to be a rather wide 6. FM sounds OK with it -- best to
turn off the AGC though.

--
Michael Moore

> That's true. Remember however that the 6kHz and 15kHz fixed filters
are at
> 450kHz!
>
> > I would like to retain the 15kHz filter for use on FM.
> > Is there any reason why the 15kHz could not be
> > reinserted and reassigned in the remaining spare
> > filter slot?
>
> The reason for this is above.
> The filter in the "optional filter slot" should be 455 kHz i.e. it
could not
> be used for synchronous AM. This is why the filter mod exists (and
also many
> people like me do not use FM ... we don't need the 15kHz filter).
> The design by Icom to have two 3-rd IFs (455 and 450kHz) is strange
- they
> could have made everything to use 455.

658. Re: ilter settings

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-06 07:43:29 UTC
From: Michael Moore
Topic: 652 Message: 658

```
--- In icomr75@y..., lew chapman <lew47oz@y...> wrote:
> Greetings from South Australia. I am now the owner of
> a R75 and very happy with the set. I am using it
> mainly for SSTV @ home and doing quite well with the
> inverted V wire. It has standard filters @ this stage
> with DSP unit. I would just like an explanation on the
> EXP on or off setting in the filter settings Also
> where the circuit diagram or at least block Diag. can
> be obtained.

To my understanding, the EXP oN allows one to choose from the optional
filters (oP1 or oP2) in addition to the stock filters when selecting
filter combinations for the wide, narrow, and normal settings.

--
Michael Moore
```

659. Re: [icomr75] Re: ilter settings

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-06 12:42:56 UTC
From: Andre Luis F. Santos
Topic: 652 Message: 659

By the way, I was wondering if someone here have seen any diferenrence when using Expanded Filter Selection On or Off? I installed two optional filters, FL-103 and FL-257, and settings works fine whatever I turn EXP On or Off. The manual does not explain this function...

Andre Santos
Fortaleza, CE, Brazil

>To my understanding, the EXP oN allows one to choose from the optional
>filters (oP1 or oP2) in addition to the stock filters when selecting
>filter combinations for the wide, narrow, and normal settings.
>---
>Michael Moore

[Non-text portions of this message have been removed]

660. Re: [icomr75] Question about KIWA mods...

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-06 15:44:33 UTC
From: Bruce Jensen
Topic: 648 Message: 660

--- Radostin Danev <rado@...> wrote:

<Excellent snips>

> The design by Icom to have two 3-rd IFs (455 and
> 450kHz) is strange - they
> could have made everything to use 455.

Indeed, thank you, now I understand. Better yet, they
could have simply put in a 6 and 4 for the AM modes
and put in the 15 for FM and just have been done with
it. Oh well - nothing's perfect.

Bruce Jensen

_____
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661. Re: [icomr75] Re: Question about KIWA mods...

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-06 15:49:35 UTC
From: Bruce Jensen
Topic: 648 Message: 661

--- Michael Moore <m.moore@...> wrote:

> The 6 seems to be a rather wide 6. FM sounds OK
> with it -- best to
> turn off the AGC though.

I recall that you mentioned this before - and I tried
this suggestion, with the net result that the FM
sounded fairly muffled. One would think that even with
FM, 6kHz width (especially if it is wider or has
shallow skirts) would be sufficient? Maybe I had a
setting wrong? I will give it a try again...thanks!

Bruce Jensen

_____
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http://phonecard.yahoo.com/

662. Re: ilter settings

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-08 03:00:27 UTC
From: Michael Moore
Topic: 652 Message: 662

--- In icomr75@y..., "Andre Luis F. Santos" <andre.email@u...> wrote:
> By the way, I was wondering if someone here have seen any
difererence when using Expanded Filter Selection On or Off? I
installed two optional filters, FL-103 and FL-257, and settings works
fine whatever I turn EXP On or Off. The manual does not explain this
function...
>
> Andre Santos
> Fortaleza, CE, Brazil

I tried it again on my R75 -- it works as I described below.

Even with the EXP oFF, I can set the optional filters for FL-103 or
FL-257 but I cannot then select these filters for use when choosing
filter combinations for the different modes.

--
Michael Moore

> >To my understanding, the EXP oN allows one to choose from the
optional
> >filters (oP1 or oP2) in addition to the stock filters when
selecting
> >filter combinations for the wide, narrow, and normal settings.
> >---
> >Michael Moore

663. Re: Question about KIWA mods...

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-08 03:11:21 UTC
From: Michael Moore
Topic: 648 Message: 663

```
--- In icomr75@y..., Bruce Jensen <bpnjensen@y...> wrote:
> --- Michael Moore <m.moore@u...> wrote:
>
> > The 6 seems to be a rather wide 6. FM sounds OK
> > with it -- best to
> > turn off the AGC though.
>
> I recall that you mentioned this before - and I tried
> this suggestion, with the net result that the FM
> sounded fairly muffled. One would think that even with
> FM, 6kHz width (especially if it is wider or has
> shallow skirts) would be sufficient? Maybe I had a
> setting wrong? I will give it a try again...thanks!
>
> Bruce Jensen

I've got cordless phones coming in loud and clear. However, the 6
metre band and CB is dead here. I cannot find anything else on FM at
the moment. Perhaps you need to adjust the displayed frequency a
little bit? -- you cannot afford to be too much off frequency with the
6 KHz filter and FM.

--
Michael Moore
```

664. Re: Question about KIWA mods...

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-08 03:26:40 UTC
From: Michael Moore
Topic: 648 Message: 664

```
--- In icomr75@y..., "Michael Moore" <m.moore@u...> wrote:
> I've got cordless phones coming in loud and clear. However, the 6
> metre band and CB is dead here. I cannot find anything else on FM
at
> the moment. Perhaps you need to adjust the displayed frequency a
> little bit? -- you cannot afford to be too much off frequency with
the
> 6 KHz filter and FM.

Oops! I said CB -- I meant 10 metre.

--
Michael Moore
```

665. Re: antenna suggestions?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-08 14:41:28 UTC
From: rsakabu@pwav.com
Topic: 652 Message: 665

--- In icomr75@y..., cntrline@m... wrote:
> My 75 is ordered and antenna suggestions are needed. First
> choice would be something reasonably compact and portable, if there
> is such an option that works properly. Seems like someone once
> mentioned 60 ft of wire wound on a 6 ft dowel, how did that do? Any
> help would be greatly appreciated. Ron.

I've tried this:

http://www.radiohc.org/Distributions/Dxers/broomstick.html

and it works quite well for both receiveing and transmitting with a homebrewed PI network tuner (you really don't need a tuner for receiveing unless you are getting strong overload from a nearby station). However, it does not beat my wire antenna, which is simply about 100 feet of wire stapled along the eve of my house and thrown over the roof top to the other side. Up to a point, longer and higher is better, but anything is better than nothing. I'll tell you what, the R-75 is better at receiveing than many ham tranceivers. If listening is what you want, it is hard to beat and probably the best receiver you can buy until you get to the $1000+ class.

Have fun,
Roy

666. Re: [icomr75] Re: antenna suggestions?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-09 11:42:24 UTC
From: cntrline@mindspring.com
Topic: 652 Message: 666

>
>I've tried this:
>
>http://www.radiohc.org/Distributions/Dxers/broomstick.html
>
>and it works quite well for both receiveing and transmitting with a
>homebrewed PI network tuner (you really don't need a tuner for
>receiveing unless you are getting strong overload from a nearby
>station). However, it does not beat my wire antenna, which is simply
>about 100 feet of wire stapled along the eve of my house and thrown
>over the roof top to the other side. Up to a point, longer and
>higher is better, but anything is better than nothing. I'll tell you
>what, the R-75 is better at receiveing than many ham tranceivers. If
>listening is what you want, it is hard to beat and probably the best
>receiver you can buy until you get to the $1000+ class.
>
>Have fun,
>Roy

Roy, thanks for the info, it sounds promising and easy enough. How
much is involved in the tuner? Thanks again, Ron.

>
>
>To unsubscribe from this group, send an email to:
>icomr75-unsubscribe@egroups.com
>
>
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667. Re: antenna suggestions?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-09 15:16:58 UTC
From: rsakabu@pwav.com
Topic: 652 Message: 667

> Roy, thanks for the info, it sounds promising and easy enough. How
> much is involved in the tuner? Thanks again, Ron.

Here's the link to the PI network tuner and a bunch of other
inexpensive projects that actually work:

http://www.radiohc.org/Distributions/arnie.html

Click on the "easy to build PI-network antenna tuner".

I built mine just like the instruction, out of enameled magnet wire
wrapped around a piece of PVC tubing with a rotary switch to select
the taps. The hardest part was finding air variable capacitors.
Luckily, I found a couple at a local hamswap for $8 a piece (I
thought it was a little expensive until I did a web search and saw
that they are often 5-10 times more expensive if bought new). The
best way to get these is to find an old vacuum tube radio at a junk
shop, thrift store, or garage sale and grab the variable capacitor
that is used for the frequency tuner. After wiring it all up and
adding knobs, it all fit into a plastic project box about 6"x6"x3".
I didn't think it made all that much difference in reception, but
after I got my ham license, I found that it worked great as a tuner
for my transmitter. I easily can use it at 100 watts and it tunes up
any of the ham bands.

I would first try the R-75 with as long a wire as possible by
itself. With the built in preamp, you should have no problem picking
up just about anything. The real advantage of the tuner is that it
helps eliminate strong signals outside of where you are tuned and
helps prevent overload, which I don't get anyway.

73
Roy

668. Re: [icomr75] Re: antenna suggestions?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-09 19:15:22 UTC
From: cntrline@mindspring.com
Topic: 652 Message: 668

> > Roy, thanks for the info, it sounds promising and easy enough. How
>> much is involved in the tuner? Thanks again, Ron.
>
>Here's the link to the PI network tuner and a bunch of other
>inexpensive projects that actually work:
>
>http://www.radiohc.org/Distributions/arnie.html
>
>Click on the "easy to build PI-network antenna tuner".
>
>I built mine just like the instruction, out of enameled magnet wire
>wrapped around a piece of PVC tubing with a rotary switch to select
>the taps. The hardest part was finding air variable capacitors.
>Luckily, I found a couple at a local hamswap for $8 a piece (I
>thought it was a little expensive until I did a web search and saw
>that they are often 5-10 times more expensive if bought new). The
>best way to get these is to find an old vacuum tube radio at a junk
>shop, thrift store, or garage sale and grab the variable capacitor
>that is used for the frequency tuner. After wiring it all up and
>adding knobs, it all fit into a plastic project box about 6"x6"x3".
>I didn't think it made all that much difference in reception, but
>after I got my ham license, I found that it worked great as a tuner
>for my transmitter. I easily can use it at 100 watts and it tunes up
>any of the ham bands.
>
>I would first try the R-75 with as long a wire as possible by
>itself. With the built in preamp, you should have no problem picking
>up just about anything. The real advantage of the tuner is that it
>helps eliminate strong signals outside of where you are tuned and
>helps prevent overload, which I don't get anyway.
>
>73
>Roy
>Roy, thanks again, it looks easy enough if I can find the caps, Ron.
>
>
>To unsubscribe from this group, send an email to:
>icomr75-unsubscribe@egroups.com
>
>
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

669. VI: Murata filters

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-11 06:10:39 UTC
From: Jarmo Patala
Topic: 669 Message: 669

Hi list,
I have a Murata ceramic filter CFS455J (about 3 kHz), is it possible to install this filter in the optional filter slot in R-75.
Any problems in matching the filter with impedances etc. ?

Jarmo

670. Re: [icomr75] Vl: Murata filters

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-11 08:18:03 UTC
From: Gert Nilsson
Topic: 669 Message: 670

No problems. I have tested this filter before I bought the 3,3 kHz ICOM filter. My filter had a bandwidth closer to 4 kHz.
----- Original Message -----
From: Jarmo Patala
To: icomr75@yahoogroups.com
Sent: Saturday, August 11, 2001 8:10 AM
Subject: [icomr75] Vl: Murata filters

Hi list,
I have a Murata ceramic filter CFS455J (about 3 kHz), is it possible to install this filter in the optional filter slot in R-75.
Any problems in matching the filter with impedances etc. ?

Jarmo

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[Non-text portions of this message have been removed]

671. Filters for the R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-11 08:29:22 UTC
From: gert_nilsson2002@yahoo.se
Topic: 671 Message: 671

Just bought a 6 kHz filter for the 9 MHz IF to replace the original 15 kHz 2 pole filter just ahead of the noiseblanker. This is an original ICOM part called 9M6A1 used in transceivers. I have to loosen all screws and some ribbon cables to be able to desolder the old filter. I am not quite sure how to loosen the ribbon cables. Help needed!

I hope this 6 kHz filter with give the receiver a better close in dynamic range, however the blanking of fast noise pulses perhaps will suffer. Just have to try....

672. IC 775 filters for the R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-11 08:33:11 UTC
From: gert_nilsson2002@yahoo.se
Topic: 672 Message: 672

From the Swedish ICOM supplier I learnt that the 6 kHz AM filter for the IC775 transceiver is a direct drop alternative for the R75. Should give better PBT action on AM. Price in Sweden is 600 SKr = 60US$.

673. What?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-15 01:01:05 UTC
From: Michael & Fiona Jones.
Topic: 673 Message: 673

Hi Everyone.

I have been an Icom IC-R75e owner since Feb'01 but it spends more time 'Off' than 'On'. I just don't know what to listen to! I've spent ?700 on a radio and haven't got a clue what's out there! I have a few frequencies entered but nothing very exciting. I'm currently using a longwire but I am considering an active loop like the one from Wellbrook, has anyone used this type of antenna, if so, can you recommend it?

Also, what does everyone else listen to?

Mike J.
Wrexham
UK

674. RE: [icomr75] What?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-15 05:11:51 UTC
From: Robson,Scott A.
Topic: 673 Message: 674

I mostly listen to Spy number stations. They are fun to catch and since you are in Europe you are in a good position to catch some of the more interesting ones. Have a look at www.spynumbers.com for more details.

I also use mine to tune into and decode HF-FAX like weather charts using my computer. Have a look at www.hffax.de for more info there.

THere are also a number of military frequencies programed into mine. Look around for some local frequencies. I have heard UK milcom here in the USA.

Lastly I use mine to listen to broadcast Shortwave. Radio Australia, BBC and arabic language stations are my favourites. (I use the first two for news and the last for learning the language) Many radio magazines have lists of frequencies for shortwave broadcast stations.Try and pick up a copy of the book "Passport to World Band Radio" It is full of frequencies and there will not be a single night you can;t find an interesting station listed in this book that isn't hearable on the R75.

The thing about a receiver like the R-75 is you will often hear more white noise than signal. THis is not because the radio is bad (it certainly is not) just that the nature of most HF transmissions are they are short and infrequent and unpredictable (apart from Shortwave Broadcast of cause) So don't be disappointed if you find yourself often listening to nothing. This is not that unsual. The challenge and satisfaction is found in patience. Just tune around and see what you can get. Don;t stick to "known" frequencies. Spin that dial!

I hope you found this helpful.

Scott

-----Original Message-----
From: Michael & Fiona Jones.
To: Icom-IC-R75group.
Sent: 8/14/01 9:01 PM
Subject: [icomr75] What?

Hi Everyone.

I have been an Icom IC-R75e owner since Feb'01 but it spends more time
'Off'
than 'On'. I just don't know what to listen to! I've spent £700 on a
radio
and haven't got a clue what's out there! I have a few frequencies
entered
but nothing very exciting. I'm currently using a longwire but I am
considering an active loop like the one from Wellbrook, has anyone used

this
type of antenna, if so, can you recommend it?

Also, what does everyone else listen to?

Mike J.
Wrexham
UK

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675. Re: What?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-15 13:38:00 UTC
From: Tom Sevart
Topic: 673 Message: 675

--- In icomr75@y..., "Michael & Fiona Jones." <the_shirt@b...> wrote:
>
> Also, what does everyone else listen to?
>

I listen to utility stations such as aero, maritime, government, military, "spy numbers," and various other stations. Occasionally I'll listen to a broadcast station. I also use the R75 to listen to low-VHF skip. A few weeks ago I was picking up all sorts of fire dispatch comms on 33.900 MHZ.

One of the things I like most about the R75 is the ability to be controlled from a computer. I use my R75 to scan HF freqs for ALE, or Automatic Link Establishment, a digital signal used by various gov't & military stations to set up a voice link. I use the program PC-ALE for this, and it works quite well. I also use the RS-R75 software to search for voice communications. I've got numerous different frequency banks set up for different services. I've logged many, many more stations using the R75 & software than I did before I got it.

Best thing to do is turn on the radio & start spinning & grinning.

Tom

676. Re: [icomr75] Re: What?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-15 16:46:34 UTC
From: Michael & Fiona Jones.
Topic: 673 Message: 676

Mmm, thanks. What antenna are you using to receive the VHF skip? I have tried and tried to receive this type of signal, I switch between the longwire and the discone but with no success, maybe my timings bad so when is the best time to listen?

Mike J.
Wrexham
UK
----- Original Message -----
From: Tom Sevart
To: icomr75@yahoogroups.com
Sent: Wednesday, August 15, 2001 2:38 PM
Subject: [icomr75] Re: What?

--- In icomr75@y..., "Michael & Fiona Jones." <the_shirt@b...> wrote:
>
> Also, what does everyone else listen to?
>

I listen to utility stations such as aero, maritime, government, military, "spy numbers," and various other stations. Occasionally I'll listen to a broadcast station. I also use the R75 to listen to low-VHF skip. A few weeks ago I was picking up all sorts of fire dispatch comms on 33.900 MHZ.

One of the things I like most about the R75 is the ability to be controlled from a computer. I use my R75 to scan HF freqs for ALE, or Automatic Link Establishment, a digital signal used by various gov't & military stations to set up a voice link. I use the program PC-ALE for this, and it works quite well. I also use the RS-R75 software to search for voice communications. I've got numerous different frequency banks set up for different services. I've logged many, many more stations using the R75 & software than I did before I got it.

Best thing to do is turn on the radio & start spinning & grinning.

Tom

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[Non-text portions of this message have been removed]

677. Re: What?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-16 12:42:53 UTC
From: Tom Sevart
Topic: 673 Message: 677

--- In icomr75@y..., "Michael & Fiona Jones." <the_shirt@b...> wrote:
> Mmm, thanks. What antenna are you using to receive the VHF skip? I have tried and tried to receive this type of signal, I switch between the longwire and the discone but with no success, maybe my timings bad so when is the best time to listen?
>

I listen on a ham radio vertical antenna. The best time to listen is during the middle of the day when the ionozation of the ionosphere is high.

Best way to check to see if the conditions are good is to listen to the 11 meter CB band or 10 meter amateur band. If you hear activity there, chances are you may hear some low band VHF.

Tom

678. Re: [icomr75] Re: What?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-16 14:41:14 UTC
From: Michael & Fiona Jones.
Topic: 673 Message: 678

Hi, thanks for replying. I don't want to appear an idiot but metres mean nothing to me. Can you give me the Mhz range ?

Mike
----- Original Message -----
From: Tom Sevart
To: icomr75@yahoogroups.com
Sent: Thursday, August 16, 2001 1:42 PM
Subject: [icomr75] Re: What?

--- In icomr75@y..., "Michael & Fiona Jones." <the_shirt@b...> wrote:
> Mmm, thanks. What antenna are you using to receive the VHF skip? I have tried and tried to receive this type of signal, I switch between the longwire and the discone but with no success, maybe my timings bad so when is the best time to listen?
>

I listen on a ham radio vertical antenna. The best time to listen is during the middle of the day when the ionozation of the ionosphere is high.

Best way to check to see if the conditions are good is to listen to the 11 meter CB band or 10 meter amateur band. If you hear activity there, chances are you may hear some low band VHF.

Tom

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[Non-text portions of this message have been removed]

679. Tom, can u elaborate on ALE?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-17 14:37:50 UTC
From: Rashad Mohamed
Topic: 679 Message: 679

Hi,
Returning to the hobby after a while -and I don't have an R-75 - not *yet* anyway ;-) - I've been coming across a few new acronyms - and one is ALE, that Tom mentioned in his post (msg 675 "re: What?")

What *is* ALE exactly and what does it sound like? I came across the acronym the other day on another site and did a search out of curiosity, but wasn't in the mood to sort out the needle in all the beer hits...

Is there a web site that explains or talks about it?

cheers
rashad
melbourne, australia

680. SSTV signals?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-18 20:22:29 UTC
From: Michael & Fiona Jones.
Topic: 680 Message: 680

Hi, Has anyone on the group used their IC-R75 to receive SSTV? If so, what decoding software did you use?

Mike J.
Wrexham
UK.

681. RE: [icomr75] SSTV signals?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-18 21:15:30 UTC
From: Steve J. Walker
Topic: 680 Message: 681

JVComm32 is one of the best to use. But you can get various apps for Winodws
but that does FAX and SSTV with many cool features!

Steve

-----Original Message-----
From: Michael & Fiona Jones. [mailto:the_shirt@btinternet.com]
Sent: 18 August 2001 21:22
To: Icom-IC-R75group.
Subject: [icomr75] SSTV signals?

Hi, Has anyone on the group used their IC-R75 to receive SSTV? If so,
what
decoding software did you use?

Mike J.
Wrexham
UK.

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<http://rd.yahoo.com/M=211550.1562866.3121829.1261774/D=egroupweb/S=170506310
8:HM/A=763352/R=0/*http://www.classmates.com/index.tf?s=5085>

<http://us.adserver.yahoo.com/l?M=211550.1562866.3121829.1261774/D=egroupmail
/S=1705063108:HM/A=763352/rand=361724746>

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<http://docs.yahoo.com/info/terms/> .

682. Re: What?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-20 12:29:18 UTC
From: Tom Sevart
Topic: 673 Message: 682

--- In icomr75@y..., "Michael & Fiona Jones." <the_shirt@b...> wrote:
> Hi, thanks for replying. I don't want to appear an idiot but metres mean nothing to me. Can you give me the Mhz range ?

11 meter CB band is from 26.965 to 27.405 MHz (with illegal CBers in the US from 27.405 to 28.000 MHz), and the 10 meter ham band is from 28.000 to 29.7 MHZ. A good way to check for low-V activity is to check the 10 meter ham repeaters at 29.620, 29.640, 29.660, and 29.680 frequencies. If you hear activity here, chances are that low-V will be up.

Tom

683. Re: Tom, can u elaborate on ALE?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-20 12:35:35 UTC
From: Tom Sevart
Topic: 679 Message: 683

--- In icomr75@y..., "Rashad Mohamed" <rashad@a...> wrote:

> What *is* ALE exactly and what does it sound like?

ALE is Automatic Link Establishment as used by military and government stations, as well as other HF users worldwide. Basically it is a signal used to set up an HF link by testing propagation conditions between several different stations in an HF net. For a detailed explanation of this signal, go to http://www.wunclub.com/files/aleinfo.html.

To listen to a sample ALE signal, go to http://www.wunclub.com/sounds/index.html and click on ALE near the top of the list.

Tom

684. Re: [icomr75] Re: What?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-20 13:25:14 UTC
From: Michael & Fiona Jones.
Topic: 673 Message: 684

Cheers Tom, Since I posted that message I have visited the RSGB site and downloaded the full list.

Thanks again.

Mike J.
----- Original Message -----
From: Tom Sevart
To: icomr75@yahoogroups.com
Sent: Monday, August 20, 2001 1:29 PM
Subject: [icomr75] Re: What?

--- In icomr75@y..., "Michael & Fiona Jones." <the_shirt@b...> wrote:
> Hi, thanks for replying. I don't want to appear an idiot but metres mean nothing to me. Can you give me the Mhz range ?

11 meter CB band is from 26.965 to 27.405 MHz (with illegal CBers in the US from 27.405 to 28.000 MHz), and the 10 meter ham band is from 28.000 to 29.7 MHZ. A good way to check for low-V activity is to check the 10 meter ham repeaters at 29.620, 29.640, 29.660, and 29.680 frequencies. If you hear activity here, chances are that low-V will be up.

Tom

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[Non-text portions of this message have been removed]

685. S-Meter calibration

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-22 17:06:04 UTC
From: aunumero13@aol.com
Topic: 685 Message: 685

Hi all,

I find the S-meter useless for signals below S9.
Does anyone know how to calibrate it ?
I've already read the "4-4 set mode adjustment". This allows to check
if we have S9 on the display when a SSG is set as 35µV for example
but not to modify the settings...

There must a Rxxx in the receiver to perform the mod ?

Tnx fer ur help.
Pat.

686. Digital signals?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-23 15:56:27 UTC
From: Tom Sevart
Topic: 686 Message: 686

Hi all,

Is anyone out there decoding digital signals such as RTTY, Sitor, etc (besides ALE) with their R75? I'm using my Kantronics KAM all-mode packet/RTTY TNC. Normally it's hooked up to my amateur transceiver but I've been experimenting with using the audio from the record out of the R75 to the TNC. So far I'm having mixed results using RTTY mode and wondering if I could do better using USB or LSB. I would like to hear from other digital monitors and what kinds of setups they're using.

Tom

687. RE: [icomr75] Digital signals?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-23 16:13:17 UTC
From: Steve J. Walker
Topic: 686 Message: 687

Tom,

What problems are you getting ? Rather than "not working" or just "nothing" can you be a little more specific. Normally for data modes you would want to use CW/RTTY that has a BFO offset so that if the decoder supports a CF of 1700 then you set the radio to -1700 for example then your freq would be spot on to the emmision CF so say a RTTY station on 17.380.0 would have to be decoded like shown other eise you need to retune to get the right display. CW on the ICOM should be 800hz RTTY modes can be low or high tones - either 1500/1700 or 2210 (depends)

Also note that some modes like ALE and PSK systems are using USB as the TX mode and as such you would tune to the nearest .0 to center the signal tones.

As you said it was working ok on your other system I suspect that you are feeding it using the line out? Maybe the level is too low or high for your decoder? Can you tune the same signal on your other RX and do a side by side test? Does it decode and the R75 does not? Also DON'T use the DSP when decoding this can confuse some decoders when faced with a DSP'ed signal.

But please post here with some more into and we will try and help.

73 Steve

-----Original Message-----
From: Tom Sevart [mailto:n2uhc@...]
Sent: 23 August 2001 16:56
To: icomr75@yahoogroups.com
Subject: [icomr75] Digital signals?

<SNIPPED>

688. Re: Digital signals?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-23 19:47:05 UTC
From: Tom Sevart
Topic: 686 Message: 688

--- In icomr75@y..., "Steve J. Walker" <stevew@b...> wrote:
> Tom,
>
> What problems are you getting ?

Actually I'm not having too many problems other than trying to find the right offset for decoding. It seems that when I use RTTY mode the pitch is too high and it's hard to get the mark/space frequencies right. And then sometimes it only prints garbage. Whether or not that's due to the decoder or not isn't clear.

I think it's just a matter of learning what the exact offset frequency is when using the RTTY mode with the 2125 Hz offset. I believe the KAM uses something like 2.3 kHz offset in RTTY mode. I know it's 2.2 kHz in SITOR mode. At any rate, I'm just trying to get all this sorted out so I can program the memory channels with the exact freq I will need to tune to for decoding.

Tom

689. New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-24 02:45:56 UTC
From: icomr75@yahoogroups.com
Topic: 242 Message: 689

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the icomr75
group.

File : /R75 mods/Floor-wart improvements.txt
Uploaded by : rado@...
Description : Improvements to the supplied floor-wart

You can access this file at the URL

http://groups.yahoo.com/group/icomr75/files/R75%20mods/Floor-wart%20improvements.txt

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

rado@...

690. Floor-wart improvements

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-24 02:52:48 UTC
From: Radostin Danev
Topic: 690 Message: 690

Hi R75-ers,

Just uploaded a small file describing improvements I made to the floor-wart.
First is adding bypass capacitors across the diodes of the rectifier. I
think there are places for such on the PCB but they are missing. Don't
remember well, I added bypasses to another floor-wart recently and I'm not
sure which had the places on the PCB. I think this removed the 60Hz hum I
had on some stations. (there are stations which transmit such hum so there
are still some).
In the summer here my floor-wart gets pretty hot so I broke all plastic
coverings on the air ventilation slits. Also drilled some additional holes.
This reduced the temperature.

Best regards,

Rado

691. Re: [icomr75] Floor-wart improvements

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-24 03:19:45 UTC
From: Bruce Jensen
Topic: 690 Message: 691

Hi, Radostin - thanks for this; hum is something my
setup exhibits.

Not being much in the tech department, however, I was
wondering if you could tell us about how many caps one
needs to add for your mod. That would give a clue as
to what we can expect when we open the unit.

Thanks,
Bruce Jensen
****
--- Radostin Danev <rado@...> wrote:
> Hi R75-ers,
>
> Just uploaded a small file describing improvements I
> made to the floor-wart.
> First is adding bypass capacitors across the diodes
> of the rectifier. I
> think there are places for such on the PCB but they
> are missing. Don't
> remember well, I added bypasses to another
> floor-wart recently and I'm not
> sure which had the places on the PCB. I think this
> removed the 60Hz hum I
> had on some stations. (there are stations which
> transmit such hum so there
> are still some).
> In the summer here my floor-wart gets pretty hot so
> I broke all plastic
> coverings on the air ventilation slits. Also drilled
> some additional holes.
> This reduced the temperature.
>
> Best regards,
>
> Rado
>
>

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692. Re: [icomr75] Floor-wart improvements

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-24 04:12:08 UTC
From: Radostin Danev
Topic: 690 Message: 692

Hi Bruce,

I added total of 6 caps. There are 4 diodes forming the rectifier. across each diode add a cap. Also add a cap between the two wires comming from the ransformer (this one has no effect maybe). Finally add a cap across the wires going to the receiver (there is a big electrolytic capacitor there already). All capacitors I used are 100 nF (0.1 uF) ceramic.

Best regards,

Rado

----- Original Message -----
From: Bruce Jensen
To: icomr75@yahoogroups.com
Sent: Friday, August 24, 2001 12:19 PM
Subject: Re: [icomr75] Floor-wart improvements

Hi, Radostin - thanks for this; hum is something my
setup exhibits.

Not being much in the tech department, however, I was
wondering if you could tell us about how many caps one
needs to add for your mod. That would give a clue as
to what we can expect when we open the unit.

Thanks,
Bruce Jensen
****
--- Radostin Danev <rado@...> wrote:
> Hi R75-ers,
>
> Just uploaded a small file describing improvements I
> made to the floor-wart.
> First is adding bypass capacitors across the diodes
> of the rectifier. I
> think there are places for such on the PCB but they
> are missing. Don't
> remember well, I added bypasses to another
> floor-wart recently and I'm not
> sure which had the places on the PCB. I think this
> removed the 60Hz hum I
> had on some stations. (there are stations which
> transmit such hum so there
> are still some).
> In the summer here my floor-wart gets pretty hot so
> I broke all plastic

> coverings on the air ventilation slits. Also drilled
> some additional holes.
> This reduced the temperature.
>
> Best regards,
>
> Rado
>
>

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693. VHF converter?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-24 05:18:48 UTC
From: Tom Sevart
Topic: 693 Message: 693

Does anyone know if anybody is thinking about producing a VHF converter for the R75 to give it extended coverage in the VHF or possibly even UHF band? Say, something similar to the unit for the Kenwood R5000 or Drake R8B? I like the ability to tune up to 60 MHZ with the R75 but it would really be neat to turn it into a wideband receiver.

Tom

694. Re: [icomr75] VHF converter?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-24 07:00:32 UTC
From: Michael & Fiona Jones.
Topic: 693 Message: 694

Hi Tom, Yes I second that. I too would love the idea of turning the R75 into a wideband receiver.

Mike
----- Original Message -----
From: Tom Sevart
To: icomr75@yahoogroups.com
Sent: Friday, August 24, 2001 6:18 AM
Subject: [icomr75] VHF converter?

Does anyone know if anybody is thinking about producing a VHF converter for the R75 to give it extended coverage in the VHF or possibly even UHF band? Say, something similar to the unit for the Kenwood R5000 or Drake R8B? I like the ability to tune up to 60 MHZ with the R75 but it would really be neat to turn it into a wideband receiver.

Tom

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695. New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-24 20:09:41 UTC
From: icomr75@yahoogroups.com
Topic: 242 Message: 695

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the icomr75
group.

File : /Information/R75 alignment.txt
Uploaded by : n2uhc@...
Description : Simple frequency alignment

You can access this file at the URL

http://groups.yahoo.com/group/icomr75/files/Information/R75%20alignment.txt

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

n2uhc@...

696. FL44 filter for the R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-25 21:00:02 UTC
From: gert_nilsson2002@yahoo.se
Topic: 696 Message: 696

Today I tested the FL44 2,4 kHz filter from my R71 in my new R75.
Fits perfectly. It makes a very good job. About the same bandwidth as
the original CFJ455K5. Perhaps I will try some sharper filters in the
CFJ455K series later on. The 1 and 2 kHz filters used in the AR7030
should be good substitutes.

697. RAC 2002 Natiional Convention!

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-27 07:29:41 UTC
From: Mike Roberts
Topic: 697 Message: 697

Hello All.

This email is to inform everyone of the upcomming
Radio Amateurs of Canada 2002 National Convention.
This even will be held July 26, 27, 28th of 2002 in
Vernon, British Columbia, Canada. For those who are
unfamiliar with RAC, it is the Canadian version of
ARRL. This event is the second ever put on, with the
first happening 5 years ago in Calgary, Alberta. It
was a major success. This event was one of the
largest amateur radio events EVER in Canada. This
upcomming convention will be the largest amateur radio
event over the last 5 years in Canada.

This is meant to inform radio amateurs who might be
interested in attending.

Additional Information is available online at

http://www.rac2002.org/

Please forward this email to anyone you know that
might be interested.

See you there,

Mike Roberts,
VE7KED/VA7EEE
DN09hv

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698. Filter calibration

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-08-29 19:20:03 UTC
From: jp@pp.inet.fi
Topic: 7 Message: 698

Few technical questions:
The service manual describes filter calibration for R75, has anyone tried this?

If the ANF and NR is not selected, is the audio signal going totally through pass the DSP unit or does it even then have some effect on the signal?

Any improvements to make the AGC more faster when listening AM signals on SSB mode?

73 Jarmo

699. Re: SSTV signals?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-03 11:48:39 UTC
From: lew47oz@yahoo.com
Topic: 680 Message: 699

--- In icomr75@y..., "Michael & Fiona Jones." <the_shirt@b...> wrote:
> greetings mike from south Australia. I use the R75 very successfully on SSTV. I used JV comm32 a very good program, but have since downloaded MMSSTV 1.01 a program used by many amatures in OZ. It is shareware and a full program, is easy to download, user friendly and works very well in QRM/ QRN situations.
Good DX to you both' the r75 is an excellant receiver

Hi, Has anyone on the group used their IC-R75 to receive SSTV? If so, what
> decoding software did you use?
>
> Mike J.
> Wrexham
> UK.

700. Re: [icomr75] Re: SSTV signals?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-04 01:38:39 UTC
From: Radostin Danev
Topic: 680 Message: 700

Hi,

I found JVComm32 to be the best soft for SSTV and FAX. Get a demo version here:

http://www.jvcomm.de/

The demo is not limited in any way ... just puts some demo "stamp" on every received image.

Best regards,

Rado

----- Original Message -----
From: lew47oz@...
To: icomr75@yahoogroups.com
Sent: Monday, September 03, 2001 8:48 PM
Subject: [icomr75] Re: SSTV signals?

--- In icomr75@y..., "Michael & Fiona Jones." <the_shirt@b...> wrote:
> greetings mike from south Australia. I use the R75 very successfully on SSTV. I used JV comm32 a very good program, but have since downloaded MMSSTV 1.01 a program used by many amatures in OZ. It is shareware and a full program, is easy to download, user friendly and works very well in QRM/ QRN situations.
Good DX to you both' the r75 is an excellant receiver

Hi, Has anyone on the group used their IC-R75 to receive SSTV? If so, what
> decoding software did you use?
>
> Mike J.
> Wrexham
> UK.

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701. PC Control Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-05 12:41:38 UTC
From: Dougie Coull
Topic: 701 Message: 701

Hi Folks,

Sorry if this has been covered before.

I've order an R75 and hope to have it but late September.

I know iCom are not famed for their software, and the PCR-1000
software is not Windows 2000 compliant with no plans to address this
issue by iCom I understand.

So what would anyone recommend for the R75?

Any tips form users would be appreciated.

Cheers.

Regards,

Dougie

>>>>>>>> Douglas Coull, Langbank, Scotland
>>>>>>>> Lat 55.92445 N Long 4.59753 W

>>>>>>> www.doug-coull.co.uk/
<<<<<<< www.milair.fsworld.co.uk/
>>>>>>> www.radio-scanning.fsworld.co.uk/

.Join the Scottish Scanner Group - Scottish-Scanning-subscribe@...m
.Join the Pro-2042 Scanner Group - Pro-2042-subscribe@yahoogroups.com

702. Re: [icomr75] PC Control Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-05 13:08:59 UTC
From: Carmen Paone
Topic: 701 Message: 702

--- Dougie Coull <doug@...> wrote:
> Hi Folks,
>
> Sorry if this has been covered before.
>
> I've order an R75 and hope to have it but late
> September.
>
> I know iCom are not famed for their software, and
> the PCR-1000
> software is not Windows 2000 compliant with no plans
> to address this
> issue by iCom I understand.
>
Dougie,

I use the control software and like it fine. I
recently bought a new laptop and installed the R75
setup and discovered it won't run in 16 or 24 colors.
Carmen Paone
> So what would anyone recommend for the R75?
>
> Any tips form users would be appreciated.
>
> Cheers.
>
>
>
>
> Regards,
>
> Dougie
>
> >>>>>>>> Douglas Coull, Langbank, Scotland
> >>>>>>>> Lat 55.92445 N Long 4.59753 W
>
> >>>>>>> www.doug-coull.co.uk/
> <<<<<<< www.milair.fsworld.co.uk/
> >>>>>>> www.radio-scanning.fsworld.co.uk/
>
> .Join the Scottish Scanner Group -
> Scottish-Scanning-subscribe@yahoogroups.com
> .Join the Pro-2042 Scanner Group -
> Pro-2042-subscribe@yahoogroups.com
>

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703. Re: [icomr75] PC Control Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-05 17:40:26 UTC
From: Dave
Topic: 701 Message: 703

This is a cute little 32 bit Windows app. Mark Fine is very quick to reply to questions.

http://www.fineware-swl.com/sic.html

dr
----- Original Message -----
From: Dougie Coull
To: icomr75@yahoogroups.com
Sent: Wednesday, September 05, 2001 13:41
Subject: [icomr75] PC Control Software

Hi Folks,

Sorry if this has been covered before.

I've order an R75 and hope to have it but late September.

I know iCom are not famed for their software, and the PCR-1000
software is not Windows 2000 compliant with no plans to address this
issue by iCom I understand.

So what would anyone recommend for the R75?

Any tips form users would be appreciated.

Cheers.

Regards,

Dougie

>>>>>>>> Douglas Coull, Langbank, Scotland
>>>>>>>> Lat 55.92445 N Long 4.59753 W

>>>>>>> www.doug-coull.co.uk/
<<<<<<< www.milair.fsworld.co.uk/
>>>>>>> www.radio-scanning.fsworld.co.uk/

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[Non-text portions of this message have been removed]

704. KIWA problems?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-08 11:47:26 UTC
From: gert_nilsson2002@yahoo.se
Topic: 704 Message: 704

I have tried to order from Kiwa twice last year. I tried again last week. No respons to e-mail. I would apreciate help to get in contact with them via this group or my other email gert.nilsson@...

705. Re: [icomr75] KIWA problems?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-08 15:01:28 UTC
From: Don Nelson
Topic: 704 Message: 705

Gert

Strange that you are not getting through via email -- I often correspond via email with Kiwa, including order placement.

I've been quite pleased with both products and shipping (many times they've quickly built up a product that wasn't in stock, such as
the braodcast band filters, etc).

They do have a phone number -- if your emails are getting lost on the internet, you can reach them at their USA phone number
509.453.5492
800.398.1146 (orders)
This is Pacific Standard Time zone.

I have no financial or other ties to Kiwa, just a satisfied customer!
Don Nelson

----- Original Message -----
From: <gert_nilsson2002@...>
To: <icomr75@yahoogroups.com>
Sent: Saturday, September 08, 2001 4:47 AM
Subject: [icomr75] KIWA problems?

> I have tried to order from Kiwa twice last year. I tried again last
> week. No respons to e-mail. I would apreciate help to get in contact
> with them via this group or my other email
> gert.nilsson@...
>
>
>
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>
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>
>

706. Req Computor controll software

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-09 20:40:44 UTC
From: Stephen Goodge
Topic: 706 Message: 706

Greetings All,
Just ordered mine today and I was
wondering what software is availble for this machine.

Many Thanks
Steve
Doncaster UK

707. RE: [icomr75] Req Computer controll software

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-09 21:53:05 UTC
From: Ed Pusey
Topic: 706 Message: 707

I can recommend you go for Smart Icom 32 by Fineware or ScanCat Gold from C.A.T. Both work great. The former comes with tons of accompanying frequencies, the latter will control every computer controllable radio out there. I have both & both are first class.

http://www.fineware-swl.com/index.html

http://www.scancat.com

ed p.

-----Original Message-----
From: Stephen Goodge [mailto:c141@...]
Sent: Sunday, September 09, 2001 4:41 PM
To: icomr75@yahoogroups.com
Subject: [icomr75] Req Computor controll software

Greetings All,
Just ordered mine today and I was
wondering what software is availble for this machine.

Many Thanks
Steve
Doncaster UK

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708. Re: [icomr75] Req Computor controll software

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-10 00:58:26 UTC
From: John Schneider
Topic: 706 Message: 708

Stephen,

I have a MUCH older version of ScanCat that I use with my BC-895XLT scanner and, occasionally, my Icom R-8500. I also use Mark Fine's program.

I find that my older version of ScanCat uses far too many resources than I think is contemporarily necessary. I understand that ScanCat has recently upgraded their code to reduce unnecessary resource use.

I must say that without exception I have been EXTREMELY happy with FINEWARE, especially the ability to incorporate his "Schedules" program. Both allow me to not only control the R75, but assure that I have the most up-to-date shortwave information that is available at the click of a mouse.

My recommendation is SmartIcom 32.

I have no pecuniary interest in this program and am simply a very satisfied user.

I remain,

John Schneider, KB2COP
thecop@...

----- Original Message -----
From: Stephen Goodge
To: icomr75@yahoogroups.com
Sent: Sunday, September 09, 2001 4:40 PM
Subject: [icomr75] Req Computor controll software

Greetings All,
Just ordered mine today and I was
wondering what software is availble for this machine.

Many Thanks
Steve
Doncaster UK

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[Non-text portions of this message have been removed]

709. Advice needed on decoders

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-10 03:25:15 UTC
From: Ask me
Topic: 709 Message: 709

I am interested in digital monitoring and would like some advice on equipment and reference information. Does anyone use or have an opinion about the Universal M-450v1.5 or the MFJ-462B decoders? Also, any suggestions on a good tutorial on CW/Rtty etc would be helpful. I live in a mountain valley in western Montana, but I am hearing some Morse and the like. I can't believe everything I'm hearing now compared to my previous radio, a Sony 2010. The Sony is good to be sure, but my R75 really makes a difference. I finally feel like I have a serious radio. I managed to talk my landlord into letting me string a RF Systems Mini Windom antenna on the gable end of my second story apartment. At least it's outside. This group has been very helpful to a new guy like me. Thanks.

Jeff Monroe
Missoula, MT

710. Re: Req Computor controll software

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-10 12:56:01 UTC
From: Tom Sevart
Topic: 706 Message: 710

Actually, I've been quite happy with Icom's RS-R75 program. I like it better than Smart Icom Control 32 since I find that it's easier to scan the different memory banks with it. But Mark's program is very good also.

Tom

711. RE: [icomr75] Advice needed on decoders

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-11 02:48:37 UTC
From: Enrique A. Wembagher
Topic: 709 Message: 711

Hi Jeff,
Webs sites of the decoding and decoders:

Info http://www.btinternet.com/~mikespage
Info http://www.dis.port.ac.uk/~ledgerd
Decoder http://QSY.to/swl/decode.html
Radioraft decoder http://www.TheOffice.net/RadioRaft
Very useful web site of decoders/info http://www.hffax.de
Shareware decoders and info http://www.pervisell.com

Saludos
Enrique Wembagher

Argentina

> -----Mensaje original-----
> De: Ask me [mailto:orbit10@...]
> Enviado el: Lunes, 10 de Septiembre de 2001 00:25
> Para: icomr75@yahoogroups.com
> Asunto: [icomr75] Advice needed on decoders
>
>
> I am interested in digital monitoring and would like some advice on
> equipment and reference information. Does anyone use or have an
> opinion about the Universal M-450v1.5 or the MFJ-462B decoders? Also,
> any suggestions on a good tutorial on CW/Rtty etc would be helpful. I
> live in a mountain valley in western Montana, but I am hearing some
> Morse and the like. I can't believe everything I'm hearing now
> compared to my previous radio, a Sony 2010. The Sony is good to be
> sure, but my R75 really makes a difference. I finally feel like I
> have a serious radio. I managed to talk my landlord into letting me
> string a RF Systems Mini Windom antenna on the gable end of my second
> story apartment. At least it's outside. This group has been very
> helpful to a new guy like me. Thanks.
>
> Jeff Monroe
> Missoula, MT
>
>
>
>
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712. Found another AGC problem

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-11 04:56:36 UTC
From: Radostin Danev
Topic: 712 Message: 712

Hi R75-ers,

Well, I got my Ph.D. and it is time for R75 again :-).

I recently observed what looked like filter "blow under". Using both 2.4 KHz filters in S-AM and USB/LSB modes I could see audio extending far beyond the cutoff of the IF filter in the audio spectrum.

(I use the shareware version of Analyzer2000 - very nice software!!! Get it here:
http://www.brownbear.de
It turns a PC with sound card into a very capable audio analysis tool.)

I first thought it was distortion somewhere in the audio chain. Using a cable with 100 nF series capacitor connected to the line input of the sound card I checked the audio chain from the volume control IC backwards. The problem was present even at the beginning of the audio chain. So it was not distortion in the audio chain.

The strange thing was that I observed the same effect in both S-AM/AM and USB/LSB modes. This meant that it is not a detector problem. It must be somewhere in the IF chain then.

Looking at the schematic I saw a strange thing. The AGC line is fed to the second gate of three IF chain FETs (Q471, Q721, Q891). To Q471 and Q721 it goes through RC filters with R=470kOhms and C=0.1uF (corner freq about 20Hz). But to Q891 it goes through R=2.2kOhms C=4.7nF (corner frequency about 100kHz!). Strange!
Checked with my audio probe and found that there is some audio passing through Q1063 (AGC amp) to the AGC line! So this audio is fed back to the IF chain through Q891. Why? I don't know ... but the design was clearly made with that in mind. If I switch off the AGC (Q1063 closed) and set the RF gain manually the distortion disappears.

I am currently working on a mod to fix this back-mixing of audio in the IF chain. There is an easy fix however (mentioned above) - turn off the AGC and use manual RF gain.

The distortion is observed in cases when the signal is above the AGC threshold (some indication on the S-meter). Most noticeable with narrow filters. When AGC is off and manual RF gain is used the audio level in the stopband (beyond the filter cutoff) drops with about 20-30dB. So when the AGC is on the filter looks like it has about -20 to -30 dB stopband attenuation (or sometimes may seem to blow under). With AGC off I see about -50 to -60 dB.

Tomorrow I will post some spectrum graph illustrating the effect.

In conclusion:
If you are hunting difficult DX or want the best of audio fidelity turn off the AGC and use manual RF gain.

Best regards,

Rado

713. Re: [icomr75] Found another AGC problem

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-11 15:09:18 UTC
From: Dave
Topic: 712 Message: 713

Sorry for asking, but, you do have the NB turned OFF?

dr
----- Original Message -----
From: Radostin Danev
To: icomr75@yahoogroups.com
Sent: Tuesday, September 11, 2001 05:56
Subject: [icomr75] Found another AGC problem

Hi R75-ers,

Well, I got my Ph.D. and it is time for R75 again :-).

I recently observed what looked like filter "blow under". Using both 2.4 KHz filters in S-AM and USB/LSB modes I could see audio extending far beyond the cutoff of the IF filter in the audio spectrum.

(I use the shareware version of Analyzer2000 - very nice software!!! Get it here:
http://www.brownbear.de
It turns a PC with sound card into a very capable audio analysis tool.)

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Looking at the schematic I saw a strange thing. The AGC line is fed to the second gate of three IF chain FETs (Q471, Q721, Q891). To Q471 and Q721 it goes through RC filters with R=470kOhms and C=0.1uF (corner freq about 20Hz). But to Q891 it goes through R=2.2kOhms C=4.7nF (corner frequency about 100kHz!). Strange!
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I am currently working on a mod to fix this back-mixing of audio in the IF chain. There is an easy fix however (mentioned above) - turn off the AGC and use manual RF gain.

The distortion is observed in cases when the signal is above the AGC threshold (some indication on the S-meter). Most noticeable with narrow filters. When AGC is off and manual RF gain is used the audio level in the stopband (beyond the filter cutoff) drops with about 20-30dB. So when the AGC is on the filter looks like it has about -20 to -30 dB stopband attenuation (or sometimes may seem to blow under). With AGC off I see about -50 to -60 dB.

Tomorrow I will post some spectrum graph illustrating the effect.

In conclusion:
If you are hunting difficult DX or want the best of audio fidelity turn off the AGC and use manual RF gain.

Best regards,

Rado

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[Non-text portions of this message have been removed]

714. SV: [icomr75] Found another AGC problem

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-11 19:15:31 UTC
From: Johan Letterstål
Topic: 714 Message: 714

Hi,
This is rather peculiar because the below is also the case for the Icom R71!
Is this "The Icom way of AGC" or.....?
/Johan Letterstål, Sweden

>
>The distortion is observed in cases when the signal is above the AGC
>threshold (some indication on the S-meter). Most noticeable with narrow
>filters. When AGC is off and manual RF gain is used the audio level in the
>stopband (beyond the filter cutoff) drops with about 20-30dB. So when the
>AGC is on the filter looks like it has about -20 to -30 dB stopband
>attenuation (or sometimes may seem to blow under). With AGC off I see
>about -50 to -60 dB.
>
>Tomorrow I will post some spectrum graph illustrating the effect.
>
>In conclusion:
>If you are hunting difficult DX or want the best of audio fidelity turn off
>the AGC and use manual RF gain.
>
>Best regards,
>
> Rado
>
>
>
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>

715. Tragedy in US

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-12 01:03:43 UTC
From: Radostin Danev
Topic: 715 Message: 715

Let me offer my sincere condolences to all Americans in this mail list.

Let us refrain from posting on radio topics today as an honor to all innocent people that lost their lives.

Rado

716. Re: [icomr75] Tragedy in US

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-12 01:22:01 UTC
From: Kathy Flores
Topic: 715 Message: 716

Thank you Rado!

What happened this morning is so horribly unreal it is like being in
some kind of waking nightmare. I am on the West Coast, but this awful
tragedy has affected our entire nation as well as the rest of the world.
Although I didn't personally lose any family or friends in the incident,
I know those who have. It is horrible beyond belief.

All I can say is cherish your loved ones, be good to one another,
practice random acts of kindness and if you're in the US please donate
blood. Pray for us.

Thank you,
--
~~~~~~~~~~~~~~~~~~~~~~~~
* Kathy Flores K6MBT
* mailbrat@...
* ICQ #569810
~~~~~~~~~~~~~~~~~~~~~~~~

----- Original Message -----
From: "Radostin Danev" <rado@...>
To: <icomr75@yahoogroups.com>
Sent: Tuesday, September 11, 2001 6:03 PM
Subject: [icomr75] Tragedy in US

Let me offer my sincere condolences to all Americans in this mail list.

Let us refrain from posting on radio topics today as an honor to all
innocent people that lost their lives.

Rado

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717. New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-13 03:15:24 UTC
From: icomr75@yahoogroups.com
Topic: 242 Message: 717

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the icomr75
group.

File : /Information/AGC audio mixing examples.tif
Uploaded by : rado@...
Description : Sample spectra illustrating the back-mixing of audio in the IF chain through the AGC line

You can access this file at the URL

http://groups.yahoo.com/group/icomr75/files/Information/AGC%20audio%20mixing%20examples.tif

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

rado@...

718. Re: [icomr75] New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-13 03:25:40 UTC
From: Radostin Danev
Topic: 242 Message: 718

Ooops ...
I first uploaded by mistake the TIF version (large). The URL in the notification message will not work.

Use this URL:

http://groups.yahoo.com/group/icomr75/files/Information/AGC%20audio%20mixing%20examples.jpg

Best regards,

Rado

[Non-text portions of this message have been removed]

719. New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-13 03:17:00 UTC
From: icomr75@yahoogroups.com
Topic: 242 Message: 719

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the icomr75
group.

File : /Information/AGC audio mixing examples.jpg
Uploaded by : rado@...
Description : Sample spectra illustrating the back-mixing of audio in the IF chain through the AGC line

You can access this file at the URL

http://groups.yahoo.com/group/icomr75/files/Information/AGC%20audio%20mixing%20examples.jpg

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

rado@...

720. Re: [icomr75] Found another AGC problem

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-13 05:09:34 UTC
From: Radostin Danev
Topic: 712 Message: 720

Hi Dave,

The NB is off ... checked many times.

Best regards,

Rado
----- Original Message -----
From: Dave
To: icomr75@yahoogroups.com
Sent: Wednesday, September 12, 2001 12:09 AM
Subject: Re: [icomr75] Found another AGC problem

Sorry for asking, but, you do have the NB turned OFF?

dr
----- Original Message -----
From: Radostin Danev
To: icomr75@yahoogroups.com
Sent: Tuesday, September 11, 2001 05:56
Subject: [icomr75] Found another AGC problem

Hi R75-ers,

Well, I got my Ph.D. and it is time for R75 again :-).

I recently observed what looked like filter "blow under". Using both 2.4 KHz filters in S-AM and USB/LSB modes I could see audio extending far beyond the cutoff of the IF filter in the audio spectrum.

(I use the shareware version of Analyzer2000 - very nice software!!! Get it here:
http://www.brownbear.de
It turns a PC with sound card into a very capable audio analysis tool.)

I first thought it was distortion somewhere in the audio chain. Using a cable with 100 nF series capacitor connected to the line input of the sound card I checked the audio chain from the volume control IC backwards. The problem was present even at the beginning of the audio chain. So it was not distortion in the audio chain.

The strange thing was that I observed the same effect in both S-AM/AM and USB/LSB modes. This meant that it is not a detector problem. It must be somewhere in the IF chain then.

Looking at the schematic I saw a strange thing. The AGC line is fed to the second gate of three IF chain FETs (Q471, Q721, Q891). To Q471 and Q721 it goes through RC filters with R=470kOhms and C=0.1uF (corner freq about

20Hz). But to Q891 it goes through R=2.2kOhms C=4.7nF (corner frequency about 100kHz!). Strange!
Checked with my audio probe and found that there is some audio passing through Q1063 (AGC amp) to the AGC line! So this audio is fed back to the IF chain through Q891. Why? I don't know ... but the design was clearly made with that in mind. If I switch off the AGC (Q1063 closed) and set the RF gain manually the distortion disappears.

I am currently working on a mod to fix this back-mixing of audio in the IF chain. There is an easy fix however (mentioned above) - turn off the AGC and use manual RF gain.

The distortion is observed in cases when the signal is above the AGC threshold (some indication on the S-meter). Most noticeable with narrow filters. When AGC is off and manual RF gain is used the audio level in the stopband (beyond the filter cutoff) drops with about 20-30dB. So when the AGC is on the filter looks like it has about -20 to -30 dB stopband attenuation (or sometimes may seem to blow under). With AGC off I see about -50 to -60 dB.

Tomorrow I will post some spectrum graph illustrating the effect.

In conclusion:
If you are hunting difficult DX or want the best of audio fidelity turn off the AGC and use manual RF gain.

Best regards,

Rado

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[Non-text portions of this message have been removed]

721. Re: [icomr75] Found another AGC problem

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-13 05:11:58 UTC
From: Radostin Danev
Topic: 712 Message: 721

Hi Johan,

I checked the schematics of many Icom radios - almost all of them share the same AGC implementation. They simply have one well established design and the changes from radio to radio are small or none in some parts.

Best regards,

Rado
----- Original Message -----
From: Johan Letterstål
To: icomr75@yahoogroups.com
Sent: Wednesday, September 12, 2001 4:15 AM
Subject: SV: [icomr75] Found another AGC problem

Hi,
This is rather peculiar because the below is also the case for the Icom R71!
Is this "The Icom way of AGC" or.....?
/Johan Letterstål, Sweden

>
>The distortion is observed in cases when the signal is above the AGC
>threshold (some indication on the S-meter). Most noticeable with narrow
>filters. When AGC is off and manual RF gain is used the audio level in the
>stopband (beyond the filter cutoff) drops with about 20-30dB. So when the
>AGC is on the filter looks like it has about -20 to -30 dB stopband
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>
>Best regards,
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> Rado
>
>
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[Non-text portions of this message have been removed]

722. RE: [icomr75] Found another AGC problem

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-13 15:46:04 UTC
From: Ashlock,William
Topic: 712 Message: 722

Hi Rado,

They simply have one well established design and the changes from radio to radio are small or none in some parts.

Haven't been able to compare the various Icom schematics and as wondering if you were referring (above) to just the AGC or the whole radio? BTW, I love the R75!

Many thanks,

Bill Ashlock

723. Re: [icomr75] Found another AGC problem

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-14 06:07:54 UTC
From: Radostin Danev
Topic: 712 Message: 723

Hi Bill,

> Haven't been able to compare the various Icom schematics and as wondering
if
> you were referring (above) to just the AGC or the whole radio? BTW, I love
> the R75!

To the AGC and some other parts. The designs are like composed of many modules - AGC, front-end filtering, mixers etc. So they take some modules from previous designs, some are newly designed and make a new radio. I would have liked if the engineers tried to design each new radio from a scratch - this way there will be new ideas and improvements. Surely this approach is more time and money consuming and involves higher risk of design flaws.

You can find schematics of many (mainly amateur transceivers) radios here:

http://www.krasnodar.online.ru/hamradio/sch_eng.html

Best regards,

Rado

724. RE: [icomr75] Found another AGC problem

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-14 22:26:48 UTC
From: Ashlock,William
Topic: 712 Message: 724

Hi Rado,

To the AGC and some other parts. The designs are like composed of many modules - AGC, front-end filtering, mixers etc. So they take some modules from previous designs, some are newly designed and make a new radio. I would have liked if the engineers tried to design each new radio from a scratch - this way there will be new ideas and improvements.

Surely this approach is more time and money consuming and involves higher risk of design flaws.

Right on!

You can find schematics of many (mainly amateur transceivers) radios here:

http://www.krasnodar.online.ru/hamradio/sch_eng.html

Thanks for this.

73,
Bill

725. Datong active antenna: AM broadcast overload

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-18 02:49:31 UTC
From: tooele@jps.net
Topic: 725 Message: 725

Hi,

A few years ago I had a Kenwood R-5000 connected to an outdoors Datong active antenna and was not bothered by local AM broadcast stations appearing several places on the dial. Then for 2 or 3 years I had no SWL table radio. But now with a new Icom R-75 connected to the same Datong mounted in the same location, I find couple of local AM stations ghosting up and down the band up to about 3.5 mHz. Is the R-75 really that much more sensitive to AM broadcast interference then the Kenwood was? Or perhaps is it more likely that the Datong might not work as well as it did a few years ago?

Linda C.

726. squelch speed?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-18 06:55:00 UTC
From: jemmex@yahoo.com
Topic: 726 Message: 726

Probobly like a lot of swl/dxers this week i have spent a lot of time monitoring my fave Mil-Air freqs. One problem I have is the squelch opens and closes too fast in SSB. Seems not to be dependant on the AGC setting.

IF i set it to be just silent whenthere is no signal, then it seems to open for the slightest crackle -which is Ok- but to clip any vioce transmissions terribly. to the point of unusablity.

IS it possible to slow the squelch? Im not too fussed on opening speed. The fast opens are good, but i ould sacrifice the first word, if it could be delayed for half a second or so from going silent again. Just to "ride over" the quieter speech.
ANy ideas?

73 and peace to all
Jem De Vk2JEM

727. Re: [icomr75] squelch speed?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-18 10:27:40 UTC
From: Radostin Danev
Topic: 726 Message: 727

Hi Jem,

If the squelch knob is in the "Noise squelch (FM mode)" zone (check the R75 manual) then it will not operate reliably in SSB. The "S-meter squelch" zone is derived directly from the S-meter level (AGC line) so it should be affected by the AGC speed. For weak SSB signals (say below S3) I expect the S-meter squelch will also not operate reliably (chop the speech).
There is no (simple) scanning solution for weak SSB signals other than leaving the squelch open and manually stooping the scan when you hear transmission (manual squelch :-)).

Best regards,

Rado

728. Re: [icomr75] Datong active antenna: AM broadcast overload

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-18 10:17:38 UTC
From: Radostin Danev
Topic: 725 Message: 728

Hi Linda,

A way to check if it is the receiver is to switch on the attenuator. If the harmonic (or intermod) completely disappears then it is probably the radio. If you can still hear it (although very weak) then it is likely the antenna.

From memory: the level of 2nd harmonic is proportional to the square of the signal intensity. In decibels this means that the level of the second harmonic will increase (decrease) twice the amount of increase (decrease) of the original signal.

Are the spurii you observe second harmonics? (twice the freq. of the original signal)
How strong are the local stations on the S-meter? Above S9+60?

Check that the amplifier in the antenna module receives the proper DC supply voltage. If the supply voltage is below the spec it may distort. Check also all connectors for oxidation or corrosion. If you can open the amplifier module at the antenna check for corrosion on the PCB (due to water leakage or humidity).

The strongest local station I have is above S9+60 and I do not observe any 2nd level harmonic. R75 has good front-end preselection and I think your problem is more likely to be related to the active antenna.

Best regards,

Rado

729. Re: [icomr75] Datong active antenna: AM broadcast overload

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-18 12:42:10 UTC
From: k1ygg@aol.com
Topic: 725 Message: 729

I have observed this problem with the R75 pre amp on, but it was alright after I switched the pre amp off. Jim

[Non-text portions of this message have been removed]

730. RE: [icomr75] Datong active antenna: AM broadcast overload

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-18 16:37:20 UTC
From: Ashlock,William
Topic: 725 Message: 730

Linda,

The receiver is seldom the problem when you have the ghosting effect (or intermodulation by strong local stations) with broadband active antennas. To eliminate the receiver as the problem, insert a 20db pad (attenuator) between the antenna output and the receiver and see if the ghosting is greatly reduced as a percentage of the normal signal level. It should not change if the receiver is OK.

Is it possible that you have gained an additional station in your area over the last two or three years that is giving the Datong a tougher environment? Also, has the power increased on any of the AM stations?

One trick I have discovered in the use of active antennas is to connect the antenna to an oscilloscope and use it as a simple spectrum analyzer. You can also connect a 3ft wire antenna to to a 10X scope probe to see the same local spectrum without even using the active antenna (do not touch while making mesurements). You should be able to see the offending signal/signals at a 0.1 volt/cm gain setting on the scope. In my back yard I can see one of the Boston area AM stations, even though 20 miles distant, at 0.6 v p-p. This level is a real problem for any active antenna amplifier.

Bill A

-----Original Message-----
From: tooele@... [mailto:tooele@...]
Sent: Monday, September 17, 2001 10:50 PM
To: icomr75@yahoogroups.com
Subject: [icomr75] Datong active antenna: AM broadcast overload

Hi,

A few years ago I had a Kenwood R-5000 connected to an outdoors Datong active antenna and was not bothered by local AM broadcast stations appearing several places on the dial. Then for 2 or 3 years I had no SWL table radio. But now with a new Icom R-75 connected to the same Datong mounted in the same location, I find couple of local AM stations ghosting up and down the band up to about 3.5 mHz. Is the R-75 really that much more sensitive to AM broadcast interference then the Kenwood was? Or perhaps is it more likely that the Datong might not work as well as it did a few years ago?

Linda C.

731. Re: [icomr75] Datong active antenna: AM broadcast overload

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-18 20:13:21 UTC
From: Dave
Topic: 725 Message: 731

Excuse me, but an oscilloscope shows time on the X axis; how can this be used as a spectrum analyzer?
----- Original Message -----
From: Ashlock,William
To: 'icomr75@yahoogroups.com'
Sent: Tuesday, September 18, 2001 17:37
Subject: RE: [icomr75] Datong active antenna: AM broadcast overload

Linda,

The receiver is seldom the problem when you have the ghosting effect (or intermodulation by strong local stations) with broadband active antennas. To eliminate the receiver as the problem, insert a 20db pad (attenuator) between the antenna output and the receiver and see if the ghosting is greatly reduced as a percentage of the normal signal level. It should not change if the receiver is OK.

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Bill A

-----Original Message-----
From: tooele@... [mailto:tooele@...]
Sent: Monday, September 17, 2001 10:50 PM
To: icomr75@yahoogroups.com
Subject: [icomr75] Datong active antenna: AM broadcast overload

Hi,

A few years ago I had a Kenwood R-5000 connected to an outdoors Datong active antenna and was not bothered by local AM broadcast stations appearing several places on the dial. Then for 2 or 3 years I had no SWL table radio. But now with a new Icom R-75 connected to the same Datong mounted in the same location, I find couple of local AM stations ghosting up and down the band up to about 3.5 mHz. Is the R-75 really that much more sensitive to AM broadcast interference

then the Kenwood was? Or perhaps is it more likely that the Datong might not work as well as it did a few years ago?

Linda C.

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[Non-text portions of this message have been removed]

732. Re: [icomr75] Datong active antenna: AM broadcast overload

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-19 00:07:30 UTC
From: Mark J. Fine
Topic: 725 Message: 732

From: "Dave" <rickets@...>
> Excuse me, but an oscilloscope shows time on the X axis; how can this be used as a spectrum analyzer?
[...]
> From: Ashlock,William
> One trick I have discovered in the use of active antennas is to connect the
> antenna to an oscilloscope and use it as a simple spectrum analyzer. You can

Dave,

If I remember correctly, there's a little trick with some scopes (I used to use a solid state Tektronix model) that accept an externally triggered timebase. You can hook up an external generator in lieu of the timebase. What that waveform does is act like a VFO as the scope sweeps. That being said, I haven't been on a bench in almost 20 years, so the particulars are kind of hazy (read: I may have this all screwed up <G>) - but it can be done.

73,

Mark J. Fine / mark.fine@...
Remington, Virginia, USA

733. RE: [icomr75] Datong active antenna: AM broadcast overload

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-19 02:05:41 UTC
From: Ashlock,William
Topic: 725 Message: 733

Hi Mark/Dave,

If you set up the scope time base for approximately 0.2 usec/cm in this area you will see a mishmage of sine waves with differing periods and amplitudes. With a little patience I can pick out most of the strong AM stations based on the period of their sine wave and make a rough estimation of the amplitude. For example 680kHz has a period of 1.5us and approximately 0.6 v p-p and 1030khz has a period of just under 1 usec with an amplitude of approximately 0.3 v p-p. You can even get a fairly good approximation of the signal strength in volts/meter by understanding that a capacity divider is formed by the spatial capacity of a one meter wire (approx 9 pf) and the input capacity of the 10X scope probe. If the probe also had a 9pf capacity, a 2 to 1 signal division would result. Therefore my 0.6 p-p signal measurement would compute to 2 x .6 /(2 x sq rt 2) or about 0.4 v/m. (the 2 x sq rt 2 is the conversion from p-p to RMS) Give it a try.

Bill A

-----Original Message-----
From: Mark J. Fine [mailto:mark.fine@...]
Sent: Tuesday, September 18, 2001 8:08 PM
To: icomr75@yahoogroups.com
Subject: Re: [icomr75] Datong active antenna: AM broadcast overload

From: "Dave" <rickets@...>
> Excuse me, but an oscilloscope shows time on the X axis; how can this be used as a spectrum analyzer?
[...]
> From: Ashlock,William
> One trick I have discovered in the use of active antennas is to connect the
> antenna to an oscilloscope and use it as a simple spectrum analyzer. You can

Dave,

If I remember correctly, there's a little trick with some scopes (I used to use a solid state Tektronix model) that accept an externally triggered timebase. You can hook up an external generator in lieu of the timebase. What that waveform does is act like a VFO as the scope sweeps. That being said, I haven't been on a bench in almost 20 years, so the particulars are kind of hazy (read: I may have this all screwed up <G>) - but it can be done.

73,

Mark J. Fine / mark.fine@...
Remington, Virginia, USA

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734. Re: [icomr75] Datong active antenna: AM broadcast overload

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-19 03:56:12 UTC
From: Steve Ratzlaff
Topic: 725 Message: 734

Hi Bill,
As primarily a lurker here, I was especially interested in your description of using the oscope and probe as a rough volts per meter signal strength indicator. I will have to try that with my many very strong urban stations here in Palo Alto, CA.
Thanks for that good info!
Steve
----- Original Message -----
From: Ashlock,William
To: 'icomr75@yahoogroups.com'
Sent: Tuesday, September 18, 2001 7:05 PM
Subject: RE: [icomr75] Datong active antenna: AM broadcast overload

Hi Mark/Dave,

If you set up the scope time base for approximately 0.2 usec/cm in this area you will see a mishmage of sine waves with differing periods and amplitudes. With a little patience I can pick out most of the strong AM stations based on the period of their sine wave and make a rough estimation of the amplitude. For example 680kHz has a period of 1.5us and approximately 0.6 v p-p and 1030khz has a period of just under 1 usec with an amplitude of approximately 0.3 v p-p. You can even get a fairly good approximation of the signal strength in volts/meter by understanding that a capacity divider is formed by the spatial capacity of a one meter wire (approx 9 pf) and the input capacity of the 10X scope probe. If the probe also had a 9pf capacity, a 2 to 1 signal division would result. Therefore my 0.6 p-p signal measurement would compute to 2 x .6 /(2 x sq rt 2) or about 0.4 v/m. (the 2 x sq rt 2 is the conversion from p-p to RMS) Give it a try.

Bill A

[Non-text portions of this message have been removed]

735. Question about R75 filter alignment.

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-19 17:54:51 UTC
From: dxr75@aol.com
Topic: 735 Message: 735

Hello Group,
I am brand new to this group. I have an Icom IC-R75
shipped and on the way to my shack. I've read several
of the older posts on this newsgroup and I need a bit
of clarification on my filter alignment.

My R75 has the optional UT-106 AF DSP unit installed
and the two stock filters.
I have placed an order for the optional
FL-257 SSB Wide 3.3 KHz filter.
Here's my question.
Once I install the new 3.3 KHz filter, how will I need to
set my filter control settings to get the best benefit from the
3.3 KHz filter?
Is there anything that I should know about the installation of
the filter?
Thanks for your help.
Bart

736. New poll for icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-20 04:02:15 UTC
From: icomr75@yahoogroups.com
Topic: 15 Message: 736

Enter your vote today! A new poll has been created for the
icomr75 group:

Your receiving antenna is a:

o Dipole
o Long wire
o Active antenna
o Other

To vote, please visit the following web page:

http://groups.yahoo.com/group/icomr75/polls

Note: Please do not reply to this message. Poll votes are
not collected via email. To vote, you must go to the Yahoo! Groups
web site listed above.

Thanks!

737. Re: squelch speed?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-20 16:44:17 UTC
From: Tom Sevart
Topic: 726 Message: 737

--- In icomr75@y..., jemmex@y... wrote:
> Probobly like a lot of swl/dxers this week i have spent a lot of
time
> monitoring my fave Mil-Air freqs. One problem I have is the squelch
> opens and closes too fast in SSB. Seems not to be dependant on the
> AGC setting.
>

Personally I don't and wouldn't use squelch for SSB. In fact most
people don't. It's too easy to miss weak signals, and will cause the
clipping that you describe. The R75 will scan with the squelch wide
open, so you will still be able to scan for SSB signals that way.

Tom

738. Re: [icomr75] Re: squelch speed?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-21 00:58:09 UTC
From: Bob Barr
Topic: 726 Message: 738

When I scan with the squelch wide open, the receiver
stays locked on the frequency for a long time before
it resumes scanning again. Am I doing something wrong?

Thanks.

Bob

--- Tom Sevart <n2uhc@...> wrote:
> --- In icomr75@y..., jemmex@y... wrote:
> > Probobly like a lot of swl/dxers this week i have
> spent a lot of
> time
> > monitoring my fave Mil-Air freqs. One problem I
> have is the squelch
> > opens and closes too fast in SSB. Seems not to be
> dependant on the
> > AGC setting.
> >
>
> Personally I don't and wouldn't use squelch for SSB.
> In fact most
> people don't. It's too easy to miss weak signals,
> and will cause the
> clipping that you describe. The R75 will scan with
> the squelch wide
> open, so you will still be able to scan for SSB
> signals that way.
>
> Tom
>
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Donate cash, emergency relief information
http://dailynews.yahoo.com/fc/US/Emergency_Information/

739. Power supply suggestion...

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-21 03:09:50 UTC
From: DanJBlack@prodigy.net
Topic: 739 Message: 739

I realize that many in this group may not have extensive facilities to support their R75, such as operating station/console, centralized grounding, tower-supported antenna arrays, coaxial switches, etc. But no matter how much "peripheral" accessory equipment you may have, one of the best means of ensuring smooth power and improved performance of your R75, is to use a "bench" power supply, which is usually rated between 10 and 35 amperes at 13.6 to 13.8 VDC, and which are REGULATED at that voltage.

The R75 "floor wart" or "brick" supplies that come with many R75's are UNregulated voltage sources. The unloaded (no receiver connected) output from this supply is significantly greater than the output under load. Regulated DC supplies are much more stable under load, and provide very low ripple values while at the same time maintaining a very steady DC voltage under many listening and operating conditions.

As an amateur radio operator, my own bench includes just such a supply, of sufficient amperage rating to facilitate all of my various receivers, transceivers and powered accessories. This supply is configured as a "bus", with an MFJ multi-terminal distribution unit serving as the central connecting point for all DC-powered devices. Adding, removing or changing a piece of equipment is greatly simplified in this way, and the result is "clean", hum-free DC power for all my gear.

The DC supply I use is an Astron brand 30-amp model, connected to the AC house mains via a computer-grade surge suppressor. I also have a solid bar bolted to the rear underside of my operating desk, about 32 inches in length. This serves as a grounding bus for all RF gear, and is connected by a thick conductor to an exterior ground at the base of my antenna tower.

Grounding a piece of equipment is made simple, using short braided copper straps between screw lugs on the bus and the cabinet ground of the equipment. I have room for fifteen grounding straps on this bus, and once again, changes or additions to the station are easily facilitated without disturbing the rest of the setup.

While your particular situation may vary greatly from mine, the use of even a 10-amp DC regulated supply is beneficial, and I highly recommend even higher current capacities, to accomodate future additions you may make to your operating/listening post. While I do not have an R75 anymore, I do plan to re-acquire one in the near future (my third !), as it still is the best value in a receiver currently available.

Just my "two cents' worth"...

73

Dan

740. RE: [icomr75] Power supply suggestion...

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-21 16:23:39 UTC
From: Ashlock,William
Topic: 739 Message: 740

Dan,

Just a chance that you might be known to your friends as a perfectionist?
:~)

Regards,
Bill A

-----Original Message-----
From: DanJBlack@... [mailto:DanJBlack@...]
Sent: Thursday, September 20, 2001 11:10 PM
To: icomr75@yahoogroups.com
Subject: [icomr75] Power supply suggestion...

I realize that many in this group may not have extensive facilities
to support their R75, such as operating station/console, centralized
grounding, tower-supported antenna arrays, coaxial switches, etc.
But no matter how much "peripheral" accessory equipment you may have,
one of the best means of ensuring smooth power and improved
performance of your R75, is to use a "bench" power supply, which is
usually rated between 10 and 35 amperes at 13.6 to 13.8 VDC, and
which are REGULATED at that voltage.

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output from this supply is significantly greater than the output
under load. Regulated DC supplies are much more stable under load,
and provide very low ripple values while at the same time maintaining
a very steady DC voltage under many listening and operating
conditions.

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receivers, transceivers and powered accessories. This supply is
configured as a "bus", with an MFJ multi-terminal distribution unit
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Just my "two cents' worth"...

73

Dan

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741. Money Maker! (as seen on TV)

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-23 03:59:41 UTC
From: J J
Topic: 741 Message: 741

DO NOT DELETE IF YOU HAVEN'T READ THIS. THIS IS A ONE TIME MAILING.
This program is for real. And it works no matter which country you live in (read the testimonials at the end of this message). Read on and you will be convinced. It would only take 2 minutes.

Dear Friends & Future Millionaire:

AS SEEN ON NATIONAL TV:
Making over half million dollars every 4 to 5 months from your home for an investment of only $25 U.S. Dollars expense one time

Step by Step Instructions are enclosed to insure your success with this program. Please take the 2 minutes it takes to read this letter.

THANK'S TO THE COMPUTER AGE AND THE INTERNET !
==========

BE A MILLIONAIRE LIKE OTHERS WITHIN A YEAR!!!

Before you say ''Bull'', please read the following. This is the letter you have been hearing about on the news lately. Due to the popularity of this letter on the Internet, a national weekly news program recently devoted an entire show to the investigation of this program described below, to see if it really can make people money. The show also investigated whether or not the program was legal.

Their findings proved once and for all that there are ''absolutely NO Laws prohibiting the participation in the program and if people can -follow the simple instructions, they are bound to make some mega bucks with only $25 out of pocket cost''. DUE TO THE RECENT INCREASE OF POPULARITY & RESPECT THIS PROGRAM HAS ATTAINED, IT IS CURRENTLY WORKING BETTER THAN EVER.

You are supplying information for a small fee- People will request from you copies of all reports many times over. This is a cash business better than a Mc ee D.!!!!!
Each report will give you the information you will need to succeed.

This is what one had to say: '' Thanks to this profitable opportunity. I was approached many times before but each time I passed on it. I am so glad I finally joined just to see what one could expect in return for the minimal effort and money required. To my astonishment, I received total $610,470.00 in 21 weeks, with money still coming in''. Pam Hedland, Fort Lee, New Jersey.

===
Here is another testimonial: ''' this program has been around for a long time but I never believed in it. But one day when I received this again in the mail I decided to gamble my $25 on it. I followed the simple instructions and walaa ..... 3 weeks later the money started to come in. First month I only made $240.00 but the next 2 months after that I made a total of $290,000.00. So far, in the past 8 months by re-entering the program, I have made over $710,000.00 and I am playing it again. The key to success in this program is to follow the simple steps and NOT change anything.'' More testimonials later but first,

================ PRINT THIS NOW FOR YOUR FUTURE REFERENCE ==========

$$

If you would like to make at least $500,000 every 4 to 5 months easily and comfortably, please read the following...THEN READ IT AGAIN and AGAIN !!!
$$

FOLLOW THE SIMPLE INSTRUCTION BELOW AND YOUR FINANCIAL DREAMS WILL COME TRUE, GUARANTEED! INSTRUCTIONS:

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Order all 5 reports shown on the list below
=================

For each report, send $5 CASH, THE NAME & NUMBER OF THE REPORT YOU ARE ORDERING and YOUR E-MAIL ADDRESS to the person whose name appears ON THAT LIST next to the report. MAKE SURE YOUR RETURN ADDRESS IS ON YOUR ENVELOPE TOP LEFT CORNER in case of any mail problems.

===
When you place your order, make sure you order each of the 5 reports. You will need all 5 reports so that you can save them on your computer and resell them. YOUR TOTAL COST $5 X 5=$25.00.

===
Within a few days you will receive, vie e-mail, each
of the 5 reports from these 5 different individuals.
Save them on your computer so they will be accessible
for you to send to the 1,000's of people who will
order them from you. Also make a floppy of these
reports and keep it on your desk in case something
happen to your computer.

===
IMPORTANT __ DO NOT alter the names of the people who
are listed next to each report, or their sequence on
the list, in any way other than what is instructed
below in step '' 1 through 6 '' or you will lose out
on majority of your profits. Once you understand the
way this works, you will also see how it does not work
if you change it. Remember, this method has been
tested, and if you alter, it will NOT work !!! People
have tried to put their friends/relatives names on all
five thinking they could get all the money. But it
does not work this way. Believe us, we all have tried
to be greedy and then nothing happened. So Do Not try
to change anything other than what is instructed.
Because if you do, it will not work for you. Remember,
honesty reaps the reward!!!

1.... After you have ordered all 5 reports, take this
advertisement and REMOVE the name & address of the
person in REPORT # 5. This person has made it through
the cycle and is no doubt counting their fortune.

2.... Move the name & address in REPORT # 4 down TO
REPORT # 5.

3.... Move the name & address in REPORT # 3 down TO
REPORT # 4.

4.... Move the name & address in REPORT # 2 down TO
REPORT # 3.

5.... Move the name & address in REPORT # 1 down TO
REPORT # 2

6.... Insert YOUR name & address in the REPORT # 1
Position.

PLEASE MAKE SURE you copy every name & address
ACCURATELY!
==

**** Take this entire letter, with the modified list
of names, and save it on your computer. DO NOT MAKE
ANY OTHER CHANGES.

Save this on a disk as well just in case if you lose any data. To assist you with marketing your business on the internet, the 5 reports you purchase will provide you with invaluable marketing information which includes how to send bulk e-mails legally, where to find thousands of free classified ads and much more. There are 2 Primary methods to get this venture going:

METHOD # 1: BY SENDING BULK E-MAIL LEGALLY

==========

Let's say that you decide to start small, just to see how it goes, and we will assume You and those involved send out only 5,000 e-mails each. Let's also assume that the mailing receive only a 0.2% response (the response could be much better but lets just say it is only 0.2%. Also many people will send out hundreds of thousands e-mails instead of only 5,000 each). Continuing with this example, you send out only 5,000 e-mails.

With a 0.2% response, that is only 10 orders for report # 1. Those 10 people responded by sending out 5,000 e-mail each for a total of 50,000. Out of those 50,000 e-mails only 0.2% responded with orders.

That's=100 people responded and ordered Report # 2.

Those 100 people mail out 5,000 e-mails each for a total of 500,000 e-mails.
The 0.2% response to that is 1000 orders for Report # 3.

Those 1000 people send out 5,000 e-mails each for a total of 5 million e-mails sent out.
The 0.2% response to that is 10,000 orders for Report #4.

Those 10,000 people send out 5,000 e-mails each for a total of 50,000,000 (50 million) e-mails.
The 0.2% response to that is 100,000 orders for Report # 5
THAT'S 100,000 ORDERS TIMES $5 EACH=$500,000.00 (half million).

Your total income in this example is: 1..... $50 + 2..... $500 + 3.....$5,000 + 4..... $50,000 + 5..... $500,000 ..... Grand Total=$555,550.00

NUMBERS DO NOT LIE. GET A PENCIL & PAPER AND FIGURE OUT THE WORST POSSIBLE RESPONSES AND NO MATTER HOW YOU CALCULATE IT, YOU WILL STILL MAKE A LOT OF MONEY !

==========
REMEMBER FRIEND, THIS IS ASSUMING ONLY 10 PEOPLE ORDERING OUT OF 5,000 YOU MAILED TO. Dare to think for a moment what would happen if everyone or half or even one 4th of those people mailed 100,000 e-mails each or more? There are over 150 million people on the Internet worldwide and counting. Believe me, many people will do just that, and more!

METHOD # 2 : BY PLACING FREE ADS ON THE INTERNET
==========
Advertising on the net is very very inexpensive and there are hundreds of FREE places to advertise. Placing a lot of free ads on the Internet will easily get a larger response. We strongly suggest you start with Method # 1 and add METHOD # 2 as you go along. For every $5 you receive, all you must do is e-mail them the Report they ordered. That's it. Always provide same day service on all orders.

This will guarantee that the e-mail they send out, with your name and address on it, will be prompt because they can not advertise until they receive the report.

========== AVAILABLE REPORTS==========

ORDER EACH REPORT BY ITS NUMBER & NAME ONLY. Notes: Always send $5 cash (U.S. CURRENCY) for each Report. Checks NOT accepted. Make sure the cash is concealed by wrapping it in at least 2 sheets of paper. On one of those sheets of paper, Write the NUMBER & the NAME of the Report you are ordering, YOUR E-MAIL ADDRESS and your name and postal address.

PLACE YOUR ORDER FOR THESE REPORTS NOW :
==========
REPORT # 1 : ''The Insider's Guide to Advertising for Free on the Net''
Order Report # 1 from:

Teresita Santos
1-7 Row House Rawis
Don Bosco, Tondo Manila
Philippines 1012

REPORT # 2 : ''The Insider's Guide to Sending Bulk e-mail on the Net''
Order Report # 2 from :

Bianca Elaine
c/o Joy Casanova
35 India St., Better Living Subd.
Paranaque City
Philippines 1711

REPORT # 3 : ''The Secret to Multilevel marketing on
the net''
Order Report # 3 from:

Kris H. Webber
Sankt Hansgade 24,3th.
Copenhagen 2200
Denmark

REPORT # 4 : ''How to become a millionaire utilizing
MLM & the Net''
Order Report # 4 from:

J Profit
P.O.Box 38333
Greensboro,NC 27438-8333
USA

REPORT # 5 : ''HOW TO SEND 1 MILLION E-MAILS FOR
FREE''
Order Report # 5 from:

Auralyn Joy
c/o Maximo L. Quijano
2262 Road 3
San Andres Bukid
Manila City
Philippines 1017

$$$$$$$$$ YOUR SUCCESS GUIDELINES $$$$$$$$$$$

Follow these guidelines to guarantee your success:

=== If you do not receive at least 10 orders for
Report #1 within 2 weeks, continue sending e-mails
until you do.

=== After you have received 10 orders, 2 to 3 weeks
after that you should receive 100 orders or more for
REPORT # 2. If you did not, continue advertising or
sending e-mails until you do.

=== Once you have received 100 or more orders for Report # 2, YOU CAN RELAX, because the system is already working for you, and the cash will continue to roll in ! THIS IS IMPORTANT TO REMEMBER: Every time your name is moved down on the list, you are placed in front of a different report.

You can KEEP TRACK of your PROGRESS by watching which report people are ordering from you. IF YOU WANT TO GENERATE MORE INCOME SEND ANOTHER BATCH OF E-MAILS AND START THE WHOLE PROCESS AGAIN. There is NO LIMIT to the income you can generate from this business !!!

==========

FOLLOWING IS A NOTE FROM THE ORIGINATOR OF THIS PROGRAM:
You have just received information that can give you financial freedom for the rest of your life, with NO RISK and JUST A LITTLE BIT OF EFFORT. You can make more money in the next few weeks and months than you have ever imagined.

Follow the program EXACTLY AS INSTRUCTED.
Do Not change it in anyway. It works exceedingly well as it is now. Remember to e-mail a copy of this exciting report after you have put your name and address in Report #1 and moved others to #2 .....# 5 as instructed above. One of the people you send this to may send out 100,000 or more e-mails and your name will be on every one of them. Remember though, the more you send out the more potential customers you will reach. So my friend, I have given you the ideas, information, materials and opportunity to become financially independent. IT IS UP TO YOU NOW!

========== MORE TESTIMONIALS==========

'' My name is Mitchell. My wife, Jody and I live in Chicago. I am an accountant with a major U.S. Corporation and I make pretty good money. When I received this program I grumbled to Jody about receiving ''junk mail''. I made fun of the whole thing, spouting my knowledge of the population and percentages involved. I ''knew'' it wouldn't work. Jody totally ignored my supposed intelligence and few days later she jumped in with both feet. I made merciless fun of her, and was ready to lay the old ''I told you so'' on her when the thing didn't work. Well, the laugh was on me! Within 3 weeks she had received 50 responses. Within the next 45 days she had received

total $ 147,200.00 ..... all cash! I was
shocked. I have joined Jody in her ''hobby''. Mitchell
Wolf M.D., Chicago, Illinois
==========
'' Not being the gambling type, it took me several
weeks to make up my mind to participate in this plan.
But conservative that I am, I decided that the initial
investment was so little that there was just no way
that I wouldn't get enough orders to at least get my
money back''. '' I was surprised when I found my
medium size post office box crammed with orders. I
made $319,210.00 in the first 12 weeks. The nice thing
about this deal is that it does not matter where
people live. There simply isn't a better investment
with a faster return and so big''. Dan Sondstrom,
Alberta, Canada
==========
'' I had received this program before. I deleted it,
but later I wondered if I should have given it a try.
Of course, I had no idea who to contact to get another
copy, so I had to wait until I was e-mailed again by
someone else.....11 months passed then it luckily
came again..... I did not delete this one! I made
more than $490,000 on my first try and all the money
came within 22 weeks''. Susan De Suza, New York, N.Y.
==========
'' It really is a great opportunity to make relatively
easy money with little cost to you. I followed the
simple instructions carefully and within 10 days the
money started to come in. My first month I made $
20,560.00 and by the end of third month my total cash
count was $ 362,840.00. Life is beautiful, Thanx to
internet''. Fred Dellaca, Westport, New Zealand
==========

ORDER YOUR REPORTS TODAY AND GET STARTED ON YOUR ROAD
TO FINANCIAL FREEDOM!

==========
If you have any questions of the legality of this
program, contact the Office of Associate Director for
Marketing Practices, Federal Trade Commission, Bureau
of Consumer Protection, Washington, D.C.
==========THE
END==========

***
This message is in compliance with U.S. Federal
requirements for commercial e-mail proposed in Bill
S.630 CAN SPAM Act of 2001 Section 5, Paragraph (a),
(3), and Section 5, Paragraph (5)(c) passed by the

107th>U.S. Senate and cannot be considered SPAM since
it includes both a physical mailing address and remove
mechanism.
***

This is a one time mailing- If you would like to be
removed from all of our mailing databases reply to:
zppll@... Please put REMOVE in the subject
line. This is an Automatic remove system and you will
never receive mail from our server again. We update
daily M-F. We use mail opt-in list provided by
Internet Marketing Services. Our list come from
E-maz-contest- and other resources- If our mailing
found you and offended you in any way please except
our apologies.

_____
Do You Yahoo!?
Get email alerts & NEW webcam video instant messaging with Yahoo! Messenger.
http://im.yahoo.com

742. Re: [icomr75] Digest Number 206

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-23 10:27:00 UTC
From: Tony Berry
Topic: 742 Message: 742

This is spam Mail!!!!!!!and now Yahoo OBVIOUSLY CANNOT CONTROL IT!
so I must reluctantly unsubscribe from this group ,as once this starts
there will be a rush of spam mail and God knows what else.
Tony
----- Original Message -----
From: <icomr75@yahoogroups.com>
To: <icomr75@yahoogroups.com>
Sent: Sunday, September 23, 2001 12:11 PM
Subject: [icomr75] Digest Number 206

>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
> --
>
> There is 1 message in this issue.
>
> Topics in this digest:
>
> 1. Money Maker! (as seen on TV)
> From: J J <jj_2001us2001@...>
>
>
> --
> --
>
> Message: 1
> Date: Sat, 22 Sep 2001 20:59:41 -0700 (PDT)
> From: J J <jj_2001us2001@...>
> Subject: Money Maker! (as seen on TV)
>
> DO NOT DELETE IF YOU HAVEN'T READ THIS. THIS IS A ONE
> TIME MAILING.
> This program is for real. And it works no matter which
> country you live in (read the testimonials at the end
> of this message). Read on and you will be convinced.
> It would only take 2 minutes.
>
> Dear Friends & Future Millionaire:
>
> AS SEEN ON NATIONAL TV:
> Making over half million dollars every 4 to 5 months
> from your home for an investment of only $25 U.S.

> Dollars expense one time
>
> Step by Step Instructions are enclosed to insure your
> success with this program. Please take the 2 minutes
> it takes to read this letter.
>
> THANK'S TO THE COMPUTER AGE AND THE INTERNET !
> ==========
>
> BE A MILLIONAIRE LIKE OTHERS WITHIN A YEAR!!!
>
> Before you say ''Bull'', please read the following.
> This is the letter you have been hearing about on the
> news lately. Due to the popularity of this letter on
> the Internet, a national weekly news program recently
> devoted an entire show to the investigation of this
> program described below, to see if it really can make
> people money. The show also investigated whether or
> not the program was legal.
>
> Their findings proved once and for all that there are
> ''absolutely NO Laws prohibiting the participation in
> the program and if people can -follow the simple
> instructions, they are bound to make some mega bucks
> with only $25 out of pocket cost''. DUE TO THE RECENT
> INCREASE OF POPULARITY & RESPECT THIS PROGRAM HAS
> ATTAINED, IT IS CURRENTLY WORKING BETTER THAN EVER.
>
> You are supplying information for a small fee- People
> will request from you copies of all reports many times
> over. This is a cash business better than a Mc ee
> D.!!!!!
> Each report will give you the information you will
> need to succeed.
>
> This is what one had to say: '' Thanks to this
> profitable opportunity. I was approached many times
> before but each time I passed on it. I am so glad I
> finally joined just to see what one could expect in
> return for the minimal effort and money required. To
> my astonishment, I received total $610,470.00 in 21
> weeks, with money still coming in''. Pam Hedland, Fort
> Lee, New Jersey.
>
> ==========
> Here is another testimonial: ''' this program has been
> around for a long time but I never believed in it. But
> one day when I received this again in the mail I
> decided to gamble my $25 on it. I followed the simple
> instructions and walaa ..... 3 weeks later the money

> started to come in. First month I only made $240.00
> but the next 2 months after that I made a total of
> $290,000.00. So far, in the past 8 months by
> re-entering the program, I have made over $710,000.00
> and I am playing it again. The key to success in this
> program is to follow the simple steps and NOT change
> anything.'' More testimonials later but first,
>
> ================ PRINT THIS NOW FOR YOUR FUTURE
> REFERENCE ==========
>
>
$$
$$
>
> If you would like to make at least $500,000 every 4 to
> 5 months easily and comfortably, please read the
> following...THEN READ IT AGAIN and AGAIN !!!
>
$$
$$
>
> FOLLOW THE SIMPLE INSTRUCTION BELOW AND YOUR FINANCIAL
> DREAMS WILL COME TRUE, GUARANTEED! INSTRUCTIONS:
>
> ================
> Order all 5 reports shown on the list below
> =================
>
> For each report, send $5 CASH, THE NAME & NUMBER OF
> THE REPORT YOU ARE ORDERING and YOUR E-MAIL ADDRESS to
> the person whose name appears ON THAT LIST next to the
> report. MAKE SURE YOUR RETURN ADDRESS IS ON YOUR
> ENVELOPE TOP LEFT CORNER in case of any mail problems.
>
> ===
> When you place your order, make sure you order each of
> the 5 reports. You will need all 5 reports so that you
> can save them on your computer and resell them. YOUR
> TOTAL COST $5 X 5=$25.00.
>
> ===
> Within a few days you will receive, vie e-mail, each
> of the 5 reports from these 5 different individuals.
> Save them on your computer so they will be accessible
> for you to send to the 1,000's of people who will
> order them from you. Also make a floppy of these
> reports and keep it on your desk in case something
> happen to your computer.
>

> ===
> IMPORTANT __ DO NOT alter the names of the people who
> are listed next to each report, or their sequence on
> the list, in any way other than what is instructed
> below in step '' 1 through 6 '' or you will lose out
> on majority of your profits. Once you understand the
> way this works, you will also see how it does not work
> if you change it. Remember, this method has been
> tested, and if you alter, it will NOT work !!! People
> have tried to put their friends/relatives names on all
> five thinking they could get all the money. But it
> does not work this way. Believe us, we all have tried
> to be greedy and then nothing happened. So Do Not try
> to change anything other than what is instructed.
> Because if you do, it will not work for you. Remember,
> honesty reaps the reward!!!
>
> 1.... After you have ordered all 5 reports, take this
> advertisement and REMOVE the name & address of the
> person in REPORT # 5. This person has made it through
> the cycle and is no doubt counting their fortune.
>
> 2.... Move the name & address in REPORT # 4 down TO
> REPORT # 5.
>
> 3.... Move the name & address in REPORT # 3 down TO
> REPORT # 4.
>
> 4.... Move the name & address in REPORT # 2 down TO
> REPORT # 3.
>
> 5.... Move the name & address in REPORT # 1 down TO
> REPORT # 2
>
> 6.... Insert YOUR name & address in the REPORT # 1
> Position.
>
> PLEASE MAKE SURE you copy every name & address
> ACCURATELY!
> ==
>
> **** Take this entire letter, with the modified list
> of names, and save it on your computer. DO NOT MAKE
> ANY OTHER CHANGES.
>
> Save this on a disk as well just in case if you lose
> any data. To assist you with marketing your business
> on the internet, the 5 reports you purchase will
> provide you with invaluable marketing information
> which includes how to send bulk e-mails legally, where

> to find thousands of free classified ads and much
> more. There are 2 Primary methods to get this venture
> going:
> METHOD # 1: BY SENDING BULK E-MAIL LEGALLY
> ==
>
> Let's say that you decide to start small, just to see
> how it goes, and we will assume You and those involved
> send out only 5,000 e-mails each. Let's also assume
> that the mailing receive only a 0.2% response (the
> response could be much better but lets just say it is
> only 0.2%. Also many people will send out hundreds of
> thousands e-mails instead of only 5,000 each).
> Continuing with this example, you send out only 5,000
> e-mails.
>
> With a 0.2% response, that is only 10 orders for
> report # 1. Those 10 people responded by sending out
> 5,000 e-mail each for a total of 50,000. Out of those
> 50,000 e-mails only 0.2% responded with orders.
>
> That's=100 people responded and ordered Report # 2.
>
> Those 100 people mail out 5,000 e-mails each for a
> total of 500,000 e-mails.
> The 0.2% response to that is 1000 orders for Report #
> 3.
>
> Those 1000 people send out 5,000 e-mails each for a
> total of 5 million e-mails sent out.
> The 0.2% response to that is 10,000 orders for Report
> #4.
>
> Those 10,000 people send out 5,000 e-mails each for a
> total of 50,000,000 (50 million) e-mails.
> The 0.2% response to that is 100,000 orders for Report
> # 5
> THAT'S 100,000 ORDERS TIMES $5 EACH=$500,000.00 (half
> million).
>
> Your total income in this example is: 1..... $50 +
> 2..... $500 + 3.....$5,000 + 4..... $50,000 + 5.....
> $500,000 .... Grand Total=$555,550.00
>
> NUMBERS DO NOT LIE. GET A PENCIL & PAPER AND FIGURE
> OUT THE WORST POSSIBLE RESPONSES AND NO MATTER HOW YOU
> CALCULATE IT, YOU WILL STILL MAKE A LOT OF MONEY !
>
> ==
> REMEMBER FRIEND, THIS IS ASSUMING ONLY 10 PEOPLE

> ORDERING OUT OF 5,000 YOU MAILED TO. Dare to think for
> a moment what would happen if everyone or half or even
> one 4th of those people mailed 100,000 e-mails each or
> more? There are over 150 million people on the
> Internet worldwide and counting. Believe me, many
> people will do just that, and more!
>
> METHOD # 2 : BY PLACING FREE ADS ON THE INTERNET
> ==
> Advertising on the net is very very inexpensive and
> there are hundreds of FREE places to advertise.
> Placing a lot of free ads on the Internet will easily
> get a larger response. We strongly suggest you start
> with Method # 1 and add METHOD # 2 as you go along.
> For every $5 you receive, all you must
> do is e-mail them the Report they ordered. That's it.
> Always provide same day service on all orders.
>
> This will guarantee that the e-mail they send out,
> with your name and address on it, will be prompt
> because they can not advertise until they receive the
> report.
>
> ====================== AVAILABLE
> REPORTS====================
>
> ORDER EACH REPORT BY ITS NUMBER & NAME ONLY. Notes:
> Always send $5 cash (U.S. CURRENCY) for each Report.
> Checks NOT accepted. Make sure the cash is concealed
> by wrapping it in at least 2 sheets of paper. On one
> of those sheets of paper, Write the NUMBER & the NAME
> of the Report you are ordering, YOUR E-MAIL ADDRESS
> and your name and postal address.
>
> PLACE YOUR ORDER FOR THESE REPORTS NOW :
> ==
> REPORT # 1 : ''The Insider's Guide to Advertising for
> Free on the Net''
> Order Report # 1 from:
>
> Teresita Santos
> 1-7 Row House Rawis
> Don Bosco, Tondo Manila
> Philippines 1012
>
> --
> REPORT # 2 : ''The Insider's Guide to Sending Bulk
> e-mail on the Net''
> Order Report # 2 from :
>

> Bianca Elaine
> c/o Joy Casanova
> 35 India St., Better Living Subd.
> Paranaque City
> Philippines 1711
>
> ---
> REPORT # 3 : ''The Secret to Multilevel marketing on
> the net''
> Order Report # 3 from:
>
> Kris H. Webber
> Sankt Hansgade 24,3th.
> Copenhagen 2200
> Denmark
>
> ---
> REPORT # 4 : ''How to become a millionaire utilizing
> MLM & the Net''
> Order Report # 4 from:
>
> J Profit
> P.O.Box 38333
> Greensboro,NC 27438-8333
> USA
>
> ---
> REPORT # 5 : ''HOW TO SEND 1 MILLION E-MAILS FOR
> FREE''
> Order Report # 5 from:
>
> Auralyn Joy
> c/o Maximo L. Quijano
> 2262 Road 3
> San Andres Bukid
> Manila City
> Philippines 1017
>
>
> ---
>
> $$$$$$$$$ YOUR SUCCESS GUIDELINES $$$$$$$$$$$
>
> Follow these guidelines to guarantee your success:
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> Report #1 within 2 weeks, continue sending e-mails
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> === Once you have received 100 or more orders for
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> your name is moved down on the list, you are placed
> in front of a different report.
>
> You can KEEP TRACK of your PROGRESS by watching which
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> GENERATE MORE INCOME SEND ANOTHER BATCH OF E-MAILS AND
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>
> ==
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> have ever imagined.
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> Follow the program EXACTLY AS INSTRUCTED.
> Do Not change it in anyway. It works exceedingly well
> as it is now. Remember to e-mail a copy of this
> exciting report after you have put your name and
> address in Report #1 and moved others to #2
> ....# 5 as instructed above. One of the people
> you send this to may send out 100,000 or more e-mails
> and your name will be on every one of them. Remember
> though, the more you send out the more potential
> customers you will reach. So my friend, I have given
> you the ideas, information, materials and opportunity
> to become financially independent. IT IS UP TO YOU
> NOW!
>
> ==================== MORE
> TESTIMONIALS======================
>
> '' My name is Mitchell. My wife, Jody and I live in
> Chicago. I am an accountant with a major U.S.
> Corporation and I make pretty good money. When I
> received this program I grumbled to Jody about
> receiving ''junk mail''. I made fun of the whole
> thing, spouting my knowledge of the population and

> percentages involved. I ''knew'' it wouldn't work.
> Jody totally ignored my supposed intelligence and few
> days later she jumped in with both feet. I made
> merciless fun of her, and was ready to lay the old ''I
> told you so'' on her when the thing didn't work. Well,
> the laugh was on me! Within 3 weeks she had received
> 50 responses. Within the next 45 days she had received
> total $ 147,200.00 ..... all cash! I was
> shocked. I have joined Jody in her ''hobby''. Mitchell
> Wolf M.D., Chicago, Illinois
> ==========
> '' Not being the gambling type, it took me several
> weeks to make up my mind to participate in this plan.
> But conservative that I am, I decided that the initial
> investment was so little that there was just no way
> that I wouldn't get enough orders to at least get my
> money back''. '' I was surprised when I found my
> medium size post office box crammed with orders. I
> made $319,210.00 in the first 12 weeks. The nice thing
> about this deal is that it does not matter where
> people live. There simply isn't a better investment
> with a faster return and so big''. Dan Sondstrom,
> Alberta, Canada
> ==========
> '' I had received this program before. I deleted it,
> but later I wondered if I should have given it a try.
> Of course, I had no idea who to contact to get another
> copy, so I had to wait until I was e-mailed again by
> someone else.....11 months passed then it luckily
> came again..... I did not delete this one! I made
> more than $490,000 on my first try and all the money
> came within 22 weeks''. Susan De Suza, New York, N.Y.
> ==========
> '' It really is a great opportunity to make relatively
> easy money with little cost to you. I followed the
> simple instructions carefully and within 10 days the
> money started to come in. My first month I made $
> 20,560.00 and by the end of third month my total cash
> count was $ 362,840.00. Life is beautiful, Thanx to
> internet''. Fred Dellaca, Westport, New Zealand
> ==========
>
> ORDER YOUR REPORTS TODAY AND GET STARTED ON YOUR ROAD
> TO FINANCIAL FREEDOM!
>
> ==========
> If you have any questions of the legality of this
> program, contact the Office of Associate Director for
> Marketing Practices, Federal Trade Commission, Bureau
> of Consumer Protection, Washington, D.C.

> ============================THE
> END=========================
>
> ***
> This message is in compliance with U.S. Federal
> requirements for commercial e-mail proposed in Bill
> S.630 CAN SPAM Act of 2001 Section 5, Paragraph (a),
> (3), and Section 5, Paragraph (5)(c) passed by the
> 107th>U.S. Senate and cannot be considered SPAM since
> it includes both a physical mailing address and remove
> mechanism.
> ***
>
> This is a one time mailing- If you would like to be
> removed from all of our mailing databases reply to:
> zppll@... Please put REMOVE in the subject
> line. This is an Automatic remove system and you will
> never receive mail from our server again. We update
> daily M-F. We use mail opt-in list provided by
> Internet Marketing Services. Our list come from
> E-maz-contest- and other resources- If our mailing
> found you and offended you in any way please except
> our apologies.
>
>
>
>
> _____
> Do You Yahoo!?
> Get email alerts & NEW webcam video instant messaging with Yahoo!
Messenger. http://im.yahoo.com
>
>
> _____
> _____
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

743. Re: [icomr75] Digest Number 206

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-23 12:41:51 UTC
From: Ron Winters
Topic: 742 Message: 743

Yes, and it violates the Yahoo rules, go to the Yahoo complaint page,
the link is at the bottom, and report it before you give up. I think
they probably can control it. Ron.

>This is spam Mail!!!!!!!and now Yahoo OBVIOUSLY CANNOT CONTROL IT!
>so I must reluctantly unsubscribe from this group ,as once this starts
>there will be a rush of spam mail and God knows what else.
> Tony
-

744. Re: [icomr75] Digest Number 206

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-23 16:49:15 UTC
From: Dave
Topic: 742 Message: 744

I forwarded it to abuse@... last night.

dr
----- Original Message -----
From: Ron Winters
To: icomr75@yahoogroups.com
Sent: Sunday, September 23, 2001 13:41
Subject: Re: [icomr75] Digest Number 206

Yes, and it violates the Yahoo rules, go to the Yahoo complaint page,
the link is at the bottom, and report it before you give up. I think
they probably can control it. Ron.

>This is spam Mail!!!!!!!and now Yahoo OBVIOUSLY CANNOT CONTROL IT!
>so I must reluctantly unsubscribe from this group ,as once this starts
>there will be a rush of spam mail and God knows what else.
> Tony
-

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[Non-text portions of this message have been removed]

745. RS-R75 software

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-24 22:01:29 UTC
From: jlampi@mediaone.net
Topic: 745 Message: 745

Hi does any one use this software RS-R75 for Icom R75 and is it worth haveing ? thanks Joe

746. Re: squelch speed?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-25 13:54:38 UTC
From: Tom Sevart
Topic: 726 Message: 746

--- In icomr75@y..., Bob Barr <radio3353@y...> wrote:
> When I scan with the squelch wide open, the receiver
> stays locked on the frequency for a long time before
> it resumes scanning again. Am I doing something wrong?

Are you using the software or pressing the scan button on the front of the radio? If you're using the scan button on the radio to scan memory channels, there will be a delay of about ten seconds with the squelch open. The only way I can think of to get around this is to use Icom's computer control software, which will allow you to select different delay times, or none at all. When you select 0, it will scan from one channel to the next without a delay. However, when you're in the VFO and you press the scan button, it will keep going until you press a button or turn the tuning knob. This will work whether the squelch is open or not. The software will also allow you to scan this way, with a selectable delay time.

Tom

747. Re: RS-R75 software

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-25 14:03:50 UTC
From: Tom Sevart
Topic: 745 Message: 747

--- In icomr75@y..., jlampi@m... wrote:
> Hi does any one use this software RS-R75 for Icom R75 and is it
worth
> haveing ? thanks Joe

Yes! I use it regularly and wouldn't be without it. I've managed to log tons more utility stations by using the software than I did without it.

Tom

748. Re: [icomr75] Re: RS-R75 software

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-25 15:07:07 UTC
From: Dave
Topic: 745 Message: 748

Can RS-75 import databases yet?
----- Original Message -----
From: Tom Sevart
To: icomr75@yahoogroups.com
Sent: Tuesday, September 25, 2001 15:03
Subject: [icomr75] Re: RS-R75 software

--- In icomr75@y..., jlampi@m... wrote:
> Hi does any one use this software RS-R75 for Icom R75 and is it
worth
> haveing ? thanks Joe

Yes! I use it regularly and wouldn't be without it. I've managed to
log tons more utility stations by using the software than I did
without it.

Tom

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[Non-text portions of this message have been removed]

749. Re: [icomr75] Re: squelch speed?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-25 16:34:59 UTC
From: Bob Barr
Topic: 726 Message: 749

Thanks for the reply, Tom. I am using the scan button on the radio. I do not have any control software. That brings to mind another question, however. My PC is in the next room from my radios. It is possible that I could run a serial cable from one room to the next. If I did that and installed the software, will I have to be at the computer to hear the radio, or can I sit at the radio and listen to it while using the scan features in the software to control it? That way someone else can use the computer while I am listening to the radio.

Bob

--- Tom Sevart <n2uhc@...> wrote:
> --- In icomr75@y..., Bob Barr <radio3353@y...>
> wrote:
> > When I scan with the squelch wide open, the
> receiver
> > stays locked on the frequency for a long time
> before
> > it resumes scanning again. Am I doing something
> wrong?
>
> Are you using the software or pressing the scan
> button on the front
> of the radio? If you're using the scan button on
> the radio to scan
> memory channels, there will be a delay of about ten
> seconds with the
> squelch open. The only way I can think of to get
> around this is to
> use Icom's computer control software, which will
> allow you to select
> different delay times, or none at all. When you
> select 0, it will
> scan from one channel to the next without a delay.
> However, when
> you're in the VFO and you press the scan button, it
> will keep going
> until you press a button or turn the tuning knob.
> This will work
> whether the squelch is open or not. The software
> will also allow you
> to scan this way, with a selectable delay time.

>
> Tom
>
>
>
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>
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>
>
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>

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http://im.yahoo.com

750. Re: RS-R75 software

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-26 13:38:58 UTC
From: Tom Sevart
Topic: 745 Message: 750

--- In icomr75@y..., "Dave" <rickets@s...> wrote:
> Can RS-75 import databases yet?

Yes, provided they're in the right format. The format is as follows:

"00","SEL","FREQ","MODE","ATT","PAMP","ANT","COMMENT"

The "00" is the channel number. So your entries will look like this:

"01","Y","11.175MHz","USB"," OFF","PA 1","ANT 1","GHFS primary
daytime"
"02","Y","8.992MHz","USB"," OFF","PA 1","ANT 1","GHFS primary
nighttime"
"03","Y","11.244MHz","USB"," OFF","PA 1","ANT 1","GHFS"

Save the file with a .csv extension to save it as a memory bank. If
you can import data this way, you're set. However, if you have to
manually type them in, you're better off entering the channels in
with the program itself than entering all the quotation marks.

Tom

751. Re: [icomr75] Re: RS-R75 software

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-26 15:31:51 UTC
From: Dave
Topic: 745 Message: 751

So, it can't use a cellular spread sheet e.g. Excel?
----- Original Message -----
From: Tom Sevart
To: icomr75@yahoogroups.com
Sent: Wednesday, September 26, 2001 14:38
Subject: [icomr75] Re: RS-R75 software

--- In icomr75@y..., "Dave" <rickets@s...> wrote:
> Can RS-75 import databases yet?

Yes, provided they're in the right format. The format is as follows:

"00","SEL","FREQ","MODE","ATT","PAMP","ANT","COMMENT"

The "00" is the channel number. So your entries will look like this:

"01","Y","11.175MHz","USB"," OFF","PA 1","ANT 1","GHFS primary
daytime"
"02","Y","8.992MHz","USB"," OFF","PA 1","ANT 1","GHFS primary
nighttime"
"03","Y","11.244MHz","USB"," OFF","PA 1","ANT 1","GHFS"

Save the file with a .csv extension to save it as a memory bank. If
you can import data this way, you're set. However, if you have to
manually type them in, you're better off entering the channels in
with the program itself than entering all the quotation marks.

Tom

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[Non-text portions of this message have been removed]

752. Filter

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-26 18:58:50 UTC
From: jlampi@mediaone.net
Topic: 752 Message: 752

Hi new to sortwave & new to the R75 what is the best filters to buy
for this unit ? and what do thay do ?(I have the DSP UT-106)I dont
mean to
be so DUMB but im so new to this .I bought it to lisen to news but
with Set. 11 I would like to listen to Miltary stuff but cant seem to
find it?
Thanks Joe

753. Re: [icomr75] Filter

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-26 18:57:15 UTC
From: Dave
Topic: 752 Message: 753

Try on 11175 Upper Sideband Normal Filter
also 15016, 8992 (All DOD Global HF System utility channels). 5696 (USCG). 11282 (ATC San Franscisco) is real busy on the West Coast of the USA.

dr
----- Original Message -----
From: jlampi@...
To: icomr75@yahoogroups.com
Sent: Wednesday, September 26, 2001 19:58
Subject: [icomr75] Filter

Hi new to sortwave & new to the R75 what is the best filters to buy
for this unit ? and what do thay do ?(I have the DSP UT-106)I dont
mean to
be so DUMB but im so new to this .I bought it to lisen to news but
with Set. 11 I would like to listen to Miltary stuff but cant seem to
find it?
Thanks Joe

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[Non-text portions of this message have been removed]

754. Re: [icomr75] Filter

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-27 01:29:09 UTC
From: Radostin Danev
Topic: 752 Message: 754

Hi Joe,

About the filters. Imagine the shortwave band as a big river - 30MHz wide = 30 000 kHz. This river is composed of many small streams - the broadcast stations, ham radio transmissions, utility transmissions, digital signals etc. If one wants to hear only one of the thousands transmissions (streams) then a filter is needed. The filter cold be imagined as a slit passing only one narrow portion of the whole river - just a few kHz wide. If the filter (slit) is too wide it will pass several of the small streams (transmissions) so you'll have difficulty distinguishing them. If the filter (slit) is the right width it will pass just the stream (transmission) you are interested in and stop other neighboring streams. If the filter is too narrow it will pass only part of the stream you are trying to listen and this will make the audio muffled.
I suggest you first use the radio with the stock filters. Get an idea of what the different filter bandwidths do to transmissions in AM and SSB modes. Then you can decide what kind of optional filters you need. It will depend on what are your interests - broadcast stations or utility signals. With the dual passband tuning (PBT) on R75 you can create virtual filters with narrower bandwidth.

There is a nice collection of info for beginners at DXing.com. Start here:

http://www.dxing.com/swlintro.htm

Best regards,

Rado

----- Original Message -----
From: jlampi@...
To: icomr75@yahoogroups.com
Sent: Thursday, September 27, 2001 3:58 AM
Subject: [icomr75] Filter

Hi new to sortwave & new to the R75 what is the best filters to buy for this unit ? and what do thay do ?(I have the DSP UT-106)I dont mean to
be so DUMB but im so new to this .I bought it to lisen to news but with Set. 11 I would like to listen to Miltary stuff but cant seem to find it?
Thanks Joe

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755. Digital decoding software

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-28 15:06:30 UTC
From: thecop@optonline.net
Topic: 755 Message: 755

Good morning,

I was wondering if anyone on the list knew of a web site that compares software-based decoding programs...or has experience with any. I can't afford any of the Hoka stuff and I was considering RadioRaft or Radiocom.

Thanks for your time.

John Schneider
thecop@...

756. Re: squelch speed?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-29 13:32:23 UTC
From: Tom Sevart
Topic: 726 Message: 756

--- In icomr75@y..., Bob Barr <radio3353@y...> wrote:
> If
> I did that and installed the software, will I have to
> be at the computer to hear the radio, or can I sit at
> the radio and listen to it while using the scan
> features in the software to control it? That way
> someone else can use the computer while I am listening
> to the radio.
>

When using the software, you can use either the software or the radio to tune, so you could be in either location and listen. The software can be running and you can still operate the radio with the front panel controls. If you do set up for remote operation I'd also suggest using either a speaker with a long enough cord, or using one of those low-power FM transmitters to bring audio to the computer location.

Tom

757. Re: RS-R75 software

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-09-29 13:33:49 UTC
From: Tom Sevart
Topic: 745 Message: 757

--- In icomr75@y..., "Dave" <rickets@s...> wrote:
> So, it can't use a cellular spread sheet e.g. Excel?

If you can save files in the format I described, it should work. I don't know if Excel does that or not.

Tom

758. Did the audio, AGC and S-AM mods. Thanks Rado!

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-01 23:16:10 UTC
From: jgedde@bestweb.net
Topic: 758 Message: 758

Today I opened up the ole R75 and did both the AGG/Synch detector and S-Am/AM audio level mods (see photos in the photos section)

I'm pleased to report that the receiver's audio is greatly improved and the distortion that made listening an unpleasant experience is just about gone. Some of the things that really bugged me about the receiver's performance are gone!

The synchronous detector/AGC mod was very effective. As far the the AGC mod goes, I was unable to find a station that exhibited the distortion present in rapidly fluttering signals that made the audio readable to me only when tuning using the ECSS technique.

The synch mod was also very effective. I found quite a few stations where I could detect a HUGE change in the distortion level if I enabled S-AM during a deep fade. Of course, S-AM needed to be enabled right after the station was tuned to allow the detector to lock.

The only downsides to the s-am mod are that now the blinking S in S-AM no longer works to show that the detector isn't locked. But considering the loud whistle the receiver emits (see below) during lock-up, it's obvious when the detector is not locked. In addition, the detector sometimes takes as long as 5-6 seconds to lock (I used the 100uF and 200uF specified in the pdf instructions along with a 12.1k 1% resistor).

During the carrier lock, the receiver emits a loud whistle that decreses in pitch in steps until the detector locks. Considering that the stock sync detector's performance was so pitiful, the whistle is music to my ears! Too bad my wife doesn't feel the same way!

I also performed the level mods. This was a bit tricky since the 4052 analog switch used for audio source switching is a small surface mount chip (TSOP?, TSSOP? pkg) and soldering 20k resistors to pin 11 and pin 15 was a royal PITA. I used 1/16W resistors, so it wasn't as bad as it could have been if I used Radio Shack fare 1/4 or 1/2W parts.

As far as the effectiveness of this mod, I cannot comment. I performed the mod in our lab at work and was unable to receive anything but garbage inside the building. Hence, before and after tests aren't meaningful.

However, given that ICOM seems to have given AM and S-AM less than the utmost attention relative to SSB/CW performance, normalizing the

AM/S-AM audio level to that of SSB must be a good thing. Now, LSB, USB, S-AM and AM all come through with equal volume.

Now, I just have to finnagle with the IF filters to make for a useful narrow AM setting. In my opinion, the 2.4 kHz setting is just too narrow and audio is VERY bad. I usually use the ECSS technique to pull signals out of adjacent signal interference rather than use the narrow AM filter.

I'm toying with the idea of putting the 6 kHz filter is place of the 15 kHz filter to allow S-AM to be tuned with better selectivity and purchasing the 3.3 kHz FL-257 filter for a medium selectivity mode.

Either that or see what Kiwa or Murata has to offer. Any recommendations? Since I don't use the FM mode, reducing the 15 kHz filter is an option as well.

What is the hot setup as far as SW broadcast listening as a primary function with still good ECSS/SSB performance?

I uploaded photos of the mods inside the receiver in the .../files/photos section.

Thanks again Rado...

John Gedde

759. Re: [icomr75] Did the audio, AGC and S-AM mods. Thanks Rado!

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-02 01:13:41 UTC
From: Radostin Danev
Topic: 758 Message: 759

Hi John,

I'm glad you like the mods.
Soon there will be more mods/improved mods coming. Here is a list:

1) Hang-type AGC with continuously adjustable hang time (from 0s - stock AGC to 3-4s). I've finalized the schematic (this one requires several additional components). Works VERY well in both AM/S-AM and SSB/CW. Also fixes the audio mix-back in the IF chain through the AGC line .

2) Improved S-AM mod. Automatic switching to AM when the synch detector is not locked (the blinking S- is back). This one also requires few transistors. No whistles or very short ones (like 0.1-0.2s beeps) when tuning around in S-AM mode. Still working on the final version.

3) Audio chain dynamic range improvement (was AM/S-AM audio level mod). This one fixes a problem in the audio chain where the output of the pre-amp in the electronic volume IC is driven at its spec limit (0.6Vrms). This in many cases may produce clipping (spikes) in the audio. Also limits the range of useful RF gain when the AGC is off (one cannot open the receiver much more than the auto AGC level because distortion starts in the audio chain).

4) Tone control. I'll add a tone controls (bass & treble) to my R75 in an external box - together with the hang-AGC hang time control. I'm really missing such controls. Sure - one can connect the line out to external amp/equalizer/tone controls. But I want it to be part of the receiver.

I'll publish all the mods in a new version of "The R75 mod book". Maybe after a month.

Also thinking of making it like "The R75 book" with mods, tips, tricks etc. (experience, tips, advice, FAQs extracted from the archives of this group). But this will be a long time project.

Best regards,

Rado

760. Re: [icomr75] Did the audio, AGC and S-AM mods. Thanks Rado!

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-02 01:17:47 UTC
From: Radostin Danev
Topic: 758 Message: 760

Hi again John,

> During the carrier lock, the receiver emits a loud whistle that
> decreses in pitch in steps until the detector locks. Considering
> that the stock sync detector's performance was so pitiful, the
> whistle is music to my ears! Too bad my wife doesn't feel the same
> way!

If your wife is very annoyed with the whistles here is a trick. Turn on the ANF (auto notch filter, if you have the UT-106 DSP) when tuning around in S-AM mode. This kills the whistles. When you are settled on a station and the synch is locked turn off the ANF.

Best regards,

Rado

761. Re: [icomr75] Did the audio, AGC and S-AM mods. Thanks Rado!

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-02 02:18:43 UTC
From: Radostin Danev
Topic: 758 Message: 761

Hi once again John,

Some additional comments:

> Now, I just have to finnagle with the IF filters to make for a useful
> narrow AM setting. In my opinion, the 2.4 kHz setting is just too
> narrow and audio is VERY bad. I usually use the ECSS technique to
> pull signals out of adjacent signal interference rather than use the
> narrow AM filter.

Try this for S-AM mode. Set 2.4kHz/IF9MHz and 6kHz/IF450kHz filters for the narrow setting. Now tune to a station and use the 9MHz PBT (outer knob) to select upper or lower sideband. Compare this to the same filter setting in AM mode.

> I'm toying with the idea of putting the 6 kHz filter is place of the
> 15 kHz filter to allow S-AM to be tuned with better selectivity and
> purchasing the 3.3 kHz FL-257 filter for a medium selectivity mode.

There is a sense of putting the 6kHz filter in the place of the 15kHz one only if you have replacement 450kHz filter to put in place of the 6kHz filter. This is the Kiwa mod - they put a 3.8kHz filter in the place of the 6kHz one. I've done this in a less painful way - just replaced the 15kHz filter with 4kHz. Now this is the filter I use most for S-AM. Any optional filter (like FL-257) cannot be used for S-AM mode because they are all at 455kHz IF. Icom uses two 3-rd IFs 450kHz (15kHz & 6kHz stock filters) and 455kHz for the 2.4kHz stock filter and the optional filter. Don't ask why - this is the way things are :-) (no reasonable explanation).
Maybe you know all this ...

> Either that or see what Kiwa or Murata has to offer. Any
> recommendations? Since I don't use the FM mode, reducing the 15 kHz
> filter is an option as well.

I've put Murata CFWS450IT (4kHz) in the place of the 15kHz filter. Works very well!

> What is the hot setup as far as SW broadcast listening as a primary
> function with still good ECSS/SSB performance?

I have the optional FL-257 but I rarely use it (I rarely use AM mode). For SSB/ECSS it's little bit wide for my taste. If you can replace the 15kHz filter with 4kHz your setup will be complete (at least it is for me). Still I'm thinking of the 2.8kHz/IF9MHz (FL-103) filter - it may be a good choice.

I'm sorry for the multiple replies. Things got coming into my mind gradually.

Best regards,

Rado

762. Re: Did the audio, AGC and S-AM mods. Thanks Rado!

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-02 17:59:16 UTC
From: jgedde@bestweb.net
Topic: 758 Message: 762

Rado,

Thanks again! Especially for taking the time to make those multiple replies.

>Try this for S-AM mode. Set 2.4kHz/IF9MHz and 6kHz/IF450kHz filters
>for the narrow setting. Now tune to a station and use the 9MHz PBT
>(outer knob) to select upper or lower sideband. Compare this to the
>same filter setting in AM mode.

This idea worked well. I'm not sure I fully understand why it works only on S-AM though...

>There is a sense of putting the 6kHz filter in the place of the
>15kHz one only if you have replacement 450kHz filter to put in place
>of the 6kHz filter. This is the Kiwa mod - they put a 3.8kHz filter
>in the place of the 6kHz one. I've done this in a less painful way -
>just replaced the 15kHz filter with 4kHz. Now this is the filter I
>use most for S-AM. Any optional filter (like FL-257) cannot be used
>for S-AM mode because they are all at 455kHz IF. Icom uses two 3-rd
>IFs 450kHz (15kHz & 6kHz stock filters) and 455kHz for the 2.4kHz
>stock filter and the optional filter. Don't ask why - this is the
way >things are :-) (no reasonable explanation).
>Maybe you know all this ...
>I've put Murata CFWS450IT (4kHz) in the place of the 15kHz filter.
>Works very well!

Does the Murata unit install directly in place of the 15 kHz or 6 kHz units? In other words, are they mechanically similar enough that they will just drop in the existing through holes in the PCB?

Where did you get your Murata unit from? I have checked my usual electronics distributors and they don't stock the 450 kHz line.

By the way: I was looking at the alignment procedure pdf. What does the filter calibration do? Will I need to perform this after swapping filters around and/or installing the 4 kHz Murata filter?

>2) Improved S-AM mod. Automatic switching to AM when the synch
>detector is not locked (the blinking S- is back). This one also
>requires few transistors. No whistles or very short ones (like 0.1-
>0.2s beeps) when tuning around in S-AM mode. Still working on the
>final version.

I can't wait to check it out! I like the idea of having the unit automatically switch into envelope detector mode when the synch detector is unable to lock.

>I'll publish all the mods in a new version of "The R75 mod book".
>Maybe after a month.

What is the "R75 mod book?" I've never heard of it....

Best regards,
John

763. Re: RS-R75 software

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-02 18:02:20 UTC
From: jgedde@bestweb.net
Topic: 745 Message: 763

Excel *can* save a spreadsheet as a text CSV file (comma delimited spreadsheet) from the "Save As" command...

Regards,
John

--- In icomr75@y..., "Tom Sevart" <n2uhc@y...> wrote:
> --- In icomr75@y..., "Dave" <rickets@s...> wrote:
> > So, it can't use a cellular spread sheet e.g. Excel?
>
> If you can save files in the format I described, it should work. I
> don't know if Excel does that or not.
>
> Tom

764. Re: RS-R75 software

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-02 20:58:09 UTC
From: Tom Sevart
Topic: 745 Message: 764

--- In icomr75@y..., jgedde@b... wrote:
> Excel *can* save a spreadsheet as a text CSV file (comma delimited
> spreadsheet) from the "Save As" command...
>

But it appears from opening the RS-R75 memory bank (.csv) files in a text editor that each entry has to have quotation marks around it as well as being in comma delimited form. I haven't tried to see if it will work without the quotes or not.

Tom

765. Re: RS-R75 software

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-02 21:18:34 UTC
From: Tom Sevart
Topic: 745 Message: 765

--- In icomr75@y..., jgedde@b... wrote:
> Excel *can* save a spreadsheet as a text CSV file (comma delimited
> spreadsheet) from the "Save As" command...
>

OK, I wasn't sure if the quotation marks would make any difference or not. I just tested it, and they don't. So you can enter your memory banks in a spreadsheet or database, save it as a comma delimited file, and open it with the RS-R75 program. Alternatively, you could enter the data in a text editor, using commas between each entry, and save it as a .csv file. Using a spreadsheet/database would be easier than entering the memories in using the RS-R75 program. Just be sure not to enter more than 100 memory channels.

Tom

766. Re: [icomr75] Re: RS-R75 software

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-03 14:14:31 UTC
From: Dave
Topic: 745 Message: 766

Thanks!

dr
----- Original Message -----
From: Tom Sevart
To: icomr75@yahoogroups.com
Sent: Tuesday, October 02, 2001 22:18
Subject: [icomr75] Re: RS-R75 software

--- In icomr75@y..., jgedde@b... wrote:
> Excel *can* save a spreadsheet as a text CSV file (comma delimited
> spreadsheet) from the "Save As" command...
>

OK, I wasn't sure if the quotation marks would make any difference or not. I just tested it, and they don't. So you can enter your memory banks in a spreadsheet or database, save it as a comma delimited file, and open it with the RS-R75 program. Alternatively, you could enter the data in a text editor, using commas between each entry, and save it as a .csv file. Using a spreadsheet/database would be easier than entering the memories in using the RS-R75 program. Just be sure not to enter more than 100 memory channels.

Tom

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[Non-text portions of this message have been removed]

767. Re: [icomr75] Re: Did the audio, AGC and S-AM mods. Thanks Rado!

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-03 22:50:09 UTC
From: Radostin Danev
Topic: 758 Message: 767

Hi John,

> Thanks again! Especially for taking the time to make those multiple
> replies.

You are welcome!

> This idea worked well. I'm not sure I fully understand why it works
> only on S-AM though...

It should work to some extent in AM also, but if the station is fading there will be strong distortion heard.

> Does the Murata unit install directly in place of the 15 kHz or 6 kHz
> units? In other words, are they mechanically similar enough that
> they will just drop in the existing through holes in the PCB?

Yes, the filters are from the same series. Same package, input/output impedance.

> Where did you get your Murata unit from? I have checked my usual
> electronics distributors and they don't stock the 450 kHz line.

I also had trouble finding the filter through distributors. I just wrote to Murata asking them for 1 or 2 samples of the filter to try in my "electronics project". They sent me two filters plus a bunch of catalogs and a CD. The second filter went to somebody in this group who was willing to perform the filter exchange.

> By the way: I was looking at the alignment procedure pdf. What does
> the filter calibration do? Will I need to perform this after
> swapping filters around and/or installing the 4 kHz Murata filter?

I don't know what exactly the procedure does. The filter works perfectly after installation without the execution of the procedure.

> What is the "R75 mod book?" I've never heard of it....

It does not exist yet. It will be a PDF file with collection of mods.

Best regards,

Rado

768. External Speaker

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-05 01:09:47 UTC
From: Bob
Topic: 768 Message: 768

If you are looking for an external speaker to clean up the 'tinny' sound of the internal speaker, head on down to your nearest Radio Shack store now! They have a RCA bookshelf speaker on sale for half-price - just $19.95 - until October 27. Their stock number is 40-5000. This is a shielded 2-way speaker with a 3" woofer and a dome tweeter. It sits 6.5 inches high. The black color looks very sharp next to the R-75. I picked one up about three weeks ago and am very happy with it. Makes listening to AM and even SSB much more pleasant. By the way, I am not an employee of RS nor am I a stockholder! I just think this is a great buy and wanted to share this with the group. Good listening.

Bob

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769. Re: [icomr75] External Speaker

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-05 15:48:57 UTC
From: Bruce Jensen
Topic: 768 Message: 769

I second this. I bought this same speaker (on sale)
for my R75, and it makes a world of difference. It is
far nicer sounding and more comfortable to the ear
than the built-in speaker.

They also have a shielded 4" midrange in a cubicle
cabinet for about $14.95; don't know how it would
perform though. The handsome little $19.95 speaker,
with its blackened aluminum case and nice grill on the
front, just looked nicer :-)

Bruce Jensen
****

--- Bob <radio3353@...> wrote:
> If you are looking for an external speaker to clean
> up
> the 'tinny' sound of the internal speaker, head on
> down to your nearest Radio Shack store now! They
> have
> a RCA bookshelf speaker on sale for half-price -
> just
> $19.95 - until October 27. Their stock number is
> 40-5000. This is a shielded 2-way speaker with a 3"
> woofer and a dome tweeter. It sits 6.5 inches high.
> The black color looks very sharp next to the R-75. I
> picked one up about three weeks ago and am very
> happy
> with it. Makes listening to AM and even SSB much
> more
> pleasant. By the way, I am not an employee of RS nor
> am I a stockholder! I just think this is a great buy
> and wanted to share this with the group. Good
> listening.
>
> Bob

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770. Re: [icomr75] External Speaker

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-05 15:40:00 UTC
From: Dave
Topic: 768 Message: 770

I use the Barjan PROnouncer (320-25) 4". The crinkle finish matches perfectly and it comes with a 3.5 mm plug pre-fitted. Plus, it tilts at the same angle as the radio with the bail deployed. I don't like tweeters on my shortwaves. IMHO, they just make the noise clearer.
dr
----- Original Message -----
From: Bruce Jensen
To: icomr75@yahoogroups.com
Sent: Friday, October 05, 2001 16:48
Subject: Re: [icomr75] External Speaker

I second this. I bought this same speaker (on sale)
for my R75, and it makes a world of difference. It is
far nicer sounding and more comfortable to the ear
than the built-in speaker.

They also have a shielded 4" midrange in a cubicle
cabinet for about $14.95; don't know how it would
perform though. The handsome little $19.95 speaker,
with its blackened aluminum case and nice grill on the
front, just looked nicer :-)

Bruce Jensen
****

--- Bob <radio3353@...> wrote:
> If you are looking for an external speaker to clean
> up
> the 'tinny' sound of the internal speaker, head on
> down to your nearest Radio Shack store now! They
> have
> a RCA bookshelf speaker on sale for half-price -
> just
> $19.95 - until October 27. Their stock number is
> 40-5000. This is a shielded 2-way speaker with a 3"
> woofer and a dome tweeter. It sits 6.5 inches high.
> The black color looks very sharp next to the R-75. I
> picked one up about three weeks ago and am very
> happy
> with it. Makes listening to AM and even SSB much
> more
> pleasant. By the way, I am not an employee of RS nor
> am I a stockholder! I just think this is a great buy
> and wanted to share this with the group. Good
> listening.
>
> Bob

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[Non-text portions of this message have been removed]

771. Re: [icomr75] External Speaker

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-05 17:24:06 UTC
From: Bruce Jensen
Topic: 768 Message: 771

--- Dave <rickets@...> wrote:
> I use the Barjan PROnouncer (320-25) 4". The
> crinkle finish matches perfectly and it comes with a
> 3.5 mm plug pre-fitted. Plus, it tilts at the same
> angle as the radio with the bail deployed. I don't
> like tweeters on my shortwaves. IMHO, they just
> make the noise clearer.

Re: The tweeter, I find that if I *don't* preserve
the high range, the resulting muffled garbled sound
becomes more unintelligible. This is true for both my
FRG-100 and, to a lesser extent, the R75. It's a
trade-off, to be sure. Perhaps the Kiwa mods will
help on this matter.

Bruce Jensen

_____
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772. Re: [icomr75] External Speaker

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-05 16:45:00 UTC
From: Dave
Topic: 768 Message: 772

There's a rule, who's name escapes me that states a ratio between the lowest and highest frequency for a reproducer. Like: if your upper limit is 3500 Hz your low end shouldn't go below 350. 5 kHz: 50 Hz. This is supposed to assure the highest possible intelligibility. I just use the R-75 for voice. My all-time fave for voice was the Mocom 70 4".

dr

----- Original Message -----
From: Bruce Jensen
To: icomr75@yahoogroups.com
Sent: Friday, October 05, 2001 18:24
Subject: Re: [icomr75] External Speaker

--- Dave <rickets@...> wrote:
> I use the Barjan PROnouncer (320-25) 4". The
> crinkle finish matches perfectly and it comes with a
> 3.5 mm plug pre-fitted. Plus, it tilts at the same
> angle as the radio with the bail deployed. I don't
> like tweeters on my shortwaves. IMHO, they just
> make the noise clearer.

Re: The tweeter, I find that if I *don't* preserve
the high range, the resulting muffled garbled sound
becomes more unintelligible. This is true for both my
FRG-100 and, to a lesser extent, the R75. It's a
trade-off, to be sure. Perhaps the Kiwa mods will
help on this matter.

Bruce Jensen

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[Non-text portions of this message have been removed]

773. Re: [icomr75] External Speaker

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-05 18:18:12 UTC
From: Bruce Jensen
Topic: 768 Message: 773

Yeah - the little speaker I have is a full range speaker, with lows down to about 100 Hz and highs well above 12,000 Hz. The nice thing about the R75 is that the dual passband sort of helps to achieve a comfortable range as you describe even if you don't have the adjacent interference to mess with. Again, the Kiwa mods will help to more effectively use these controls on both AM and S-AM.

Bruce Jensen
****
--- Dave <rickets@...> wrote:
> There's a rule, who's name escapes me that states a
> ratio between the lowest and highest frequency for a
> reproducer. Like: if your upper limit is 3500 Hz
> your low end shouldn't go below 350. 5 kHz: 50 Hz.
> This is supposed to assure the highest possible
> intelligibility. I just use the R-75 for voice. My
> all-time fave for voice was the Mocom 70 4".
>
> dr
>
> ----- Original Message -----
> From: Bruce Jensen
> To: icomr75@yahoogroups.com
> Sent: Friday, October 05, 2001 18:24
> Subject: Re: [icomr75] External Speaker
>
>
> --- Dave <rickets@...> wrote:
> > I use the Barjan PROnouncer (320-25) 4". The
> > crinkle finish matches perfectly and it comes
> with a
> > 3.5 mm plug pre-fitted. Plus, it tilts at the
> same
> > angle as the radio with the bail deployed. I
> don't
> > like tweeters on my shortwaves. IMHO, they just
> > make the noise clearer.
>
> Re: The tweeter, I find that if I *don't*
> preserve
> the high range, the resulting muffled garbled
> sound
> becomes more unintelligible. This is true for

> both my
> FRG-100 and, to a lesser extent, the R75. It's a
> trade-off, to be sure. Perhaps the Kiwa mods will
> help on this matter.
>
> Bruce Jensen
>
> _____
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>
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>
>

=====
Bruce Jensen, associate of:
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
American Coaster Enthusiasts http://www.aceonline.org/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

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774. Re: [icomr75] External Speaker

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-05 21:22:55 UTC
From: Yasuaki Katagiri
Topic: 768 Message: 774

Hi, Bob,

I use the Grove SP-200B sound enhancer. It's a oak cabinet speaker with many functions.

The SP-200B combines an audio amplifier and 4 inch speaker along with separate bass/treble equalizers, a variable passband notch/peak filter, an adjustable noise limiter to reduce irritating pulse interference.

The price is about US$200, but it is not too expensive.

And now, Grove has released new SP-200C.

The site is;
http://www.grove-ent.com/SPK3.html

==========
Yasuaki Katagiri
Saitama, Japan
RX; IC-R75, HF-150E
ANT; SA-7000, Small Loop
Email; katagiri@...-ho.ne.jp
==========

----- Original Message -----
From: "Bob" <radio3353@...>
To: "ICOM R75 Group" <icomr75@yahoogroups.com>
Sent: Friday, October 05, 2001 10:09 AM
Subject: [icomr75] External Speaker

> If you are looking for an external speaker to clean up
> the 'tinny' sound of the internal speaker, head on
> down to your nearest Radio Shack store now! They have
> a RCA bookshelf speaker on sale for half-price - just
> $19.95 - until October 27. Their stock number is
> 40-5000. This is a shielded 2-way speaker with a 3"
> woofer and a dome tweeter. It sits 6.5 inches high.
> The black color looks very sharp next to the R-75. I
> picked one up about three weeks ago and am very happy
> with it. Makes listening to AM and even SSB much more
> pleasant. By the way, I am not an employee of RS nor
> am I a stockholder! I just think this is a great buy
> and wanted to share this with the group. Good
> listening.
>
> Bob
>

> _____
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>

775. Power Supply

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-13 02:24:17 UTC
From: Bob
Topic: 775 Message: 775

Would running an ICOM R-75 from a good quality 115vac to 12vdc power supply reduce or eliminate power line noise from such sources as appliance motors, lamp dimmers, etc?

Thanks.

Bob

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776. PC Speakers for external speakers - Yes!

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-13 12:45:08 UTC
From: jgedde@bestweb.net
Topic: 776 Message: 776

The other day I had an idea spurred by the list discussion of external speakers.

I have a set of Harmon-Kardon PC speakers that came with my Dell computer. I upgraded the computer's speakers, and had the Harmons lying around.

I bought a 1/8" mono/stereo adapter from Radio Shack and used it to plug the Harmons into the Icom.

Great results! Since the Harmons are amplified and have their own separate Bass and Treble controls, audio quality is excellent and I can tweak the bass and treble controls to make anything from weak DX to strong signals sound better. Especially since there are two of them. Despite being mono, two speakers seem to give more depth of field.

Formally I was using a Radio Shack Optimus shielded center channel speaker. It was pretty good, but I'm much happier with the Harmons.

I have also tried the small Optimus bookshelf speakers, but I found that the high frequency response, due to having a tweeter, made noisy signals sound worse.

I still use the volume control on the Icom by setting the Harmon's volume control around mid scale...

777. Re: [icomr75] Power Supply

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-13 14:50:27 UTC
From: Dave
Topic: 775 Message: 777

Most likely it would not. To test: Ground your antenna input and listen you your radio while turning the noise generating appliance on and off. If you don't hear a difference then the noise is not coming from the power supply. You may need to locate an antenna away from the noise source and feed your radio with coaxial cable.

dr
----- Original Message -----
From: Bob
To: Grove Ent. ; ICOM R75 Group
Sent: Saturday, October 13, 2001 03:24
Subject: [icomr75] Power Supply

Would running an ICOM R-75 from a good quality 115vac
to 12vdc power supply reduce or eliminate power line
noise from such sources as appliance motors, lamp
dimmers, etc?

Thanks.

Bob

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778. Re: [icomr75] Power Supply

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-15 01:19:18 UTC
From: Radostin Danev
Topic: 775 Message: 778

Hi Bob,

> Would running an ICOM R-75 from a good quality 115vac
> to 12vdc power supply reduce or eliminate power line
> noise from such sources as appliance motors, lamp
> dimmers, etc?

R75 regulates the DC input down to 14V (internally it uses 14V in many parts ... for example the 1st mixer). Feeding it with something less than 14V will probably degrade slightly the characteristics (but maybe not significantly). Have you tried adding the bypass capacitors to the floor-wart? (see in the Files section "R75 mods" folder for info) URL: http://groups.yahoo.com/group/icomr75/files/R75%20mods/Floor-wart%20improvements.txt

Also try wrapping the DC cable 5-10 turns around a large ferrite "doughnut" as close as possible to the radio. If your radio is not grounded then some common mode noise can pass trough the floor wart. You can also try a ferrite on the antenna cable (if it is coax). What kind of antenna are you using?

Best regards,

Rado

779. Re: [icomr75] Power Supply

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-15 16:38:19 UTC
From: Bob
Topic: 775 Message: 779

Thanks, Rado. Hmm...I didn't realize the floor wart
was putting out 14v. Good point. I will try your
suggestions and also try to pinpoint the point of
entry of the interference, antenna vs. power line. My
radio is grounded through a 14awg wire to the cold
water pipe coming into the house (street side of the
water meter.) The interference is not constant - just
happens periodically as if someone just turned on a
vacuum cleaner or electric drill (not necessarily in
my house.) My antenna is a wire in the attic fed to
the radio through a wire, not coax. I have been
thinking of changing the feedline to coax, though.

Bob

--- Radostin Danev <rado@...> wrote:
> Hi Bob,
>
> > Would running an ICOM R-75 from a good quality
> 115vac
> > to 12vdc power supply reduce or eliminate power
> line
> > noise from such sources as appliance motors, lamp
> > dimmers, etc?
>
> R75 regulates the DC input down to 14V (internally
> it uses 14V in many parts
> ... for example the 1st mixer). Feeding it with
> something less than 14V will
> probably degrade slightly the characteristics (but
> maybe not significantly).
> Have you tried adding the bypass capacitors to the
> floor-wart? (see in the
> Files section "R75 mods" folder for info) URL:
>
http://groups.yahoo.com/group/icomr75/files/R75%20mods/Floor-wart%20improvem
> ents.txt
>
> Also try wrapping the DC cable 5-10 turns around a
> large ferrite "doughnut"
> as close as possible to the radio. If your radio is
> not grounded then some
> common mode noise can pass trough the floor wart.
> You can also try a ferrite
> on the antenna cable (if it is coax). What kind of

> antenna are you using?
>
> Best regards,
>
> Rado
>
>

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780. Re: [icomr75] Power Supply

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-15 16:17:34 UTC
From: Dave
Topic: 775 Message: 780

You'll need a transformer to properly match the wire to the co-ax. Here's how to build one:

http://www.kc7nod.20m.com/new_page_1.htm

You can get the toroid (or a pre-assembled waterproof "MLB" transformer) from these fine folks:

http://www.palomar-engineers.com/MLB-1/mlb-1.html

dr
----- Original Message -----
From: Bob
To: icomr75@yahoogroups.com
Sent: Monday, October 15, 2001 17:38
Subject: Re: [icomr75] Power Supply

Thanks, Rado. Hmm...I didn't realize the floor wart
was putting out 14v. Good point. I will try your
suggestions and also try to pinpoint the point of
entry of the interference, antenna vs. power line. My
radio is grounded through a 14awg wire to the cold
water pipe coming into the house (street side of the
water meter.) The interference is not constant - just
happens periodically as if someone just turned on a
vacuum cleaner or electric drill (not necessarily in
my house.) My antenna is a wire in the attic fed to
the radio through a wire, not coax. I have been
thinking of changing the feedline to coax, though.

Bob

--- Radostin Danev <rado@...> wrote:
> Hi Bob,
>
> > Would running an ICOM R-75 from a good quality
> 115vac
> > to 12vdc power supply reduce or eliminate power
> line
> > noise from such sources as appliance motors, lamp
> > dimmers, etc?
>
> R75 regulates the DC input down to 14V (internally
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> ... for example the 1st mixer). Feeding it with
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> probably degrade slightly the characteristics (but
> maybe not significantly).

> Have you tried adding the bypass capacitors to the
> floor-wart? (see in the
> Files section "R75 mods" folder for info) URL:
>
http://groups.yahoo.com/group/icomr75/files/R75%20mods/Floor-wart%20improvem
> ents.txt
>
> Also try wrapping the DC cable 5-10 turns around a
> large ferrite "doughnut"
> as close as possible to the radio. If your radio is
> not grounded then some
> common mode noise can pass trough the floor wart.
> You can also try a ferrite
> on the antenna cable (if it is coax). What kind of
> antenna are you using?
>
> Best regards,
>
> Rado
>
>

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[Non-text portions of this message have been removed]

781. Re: [icomr75] Power Supply

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-15 18:11:45 UTC
From: Bob
Topic: 775 Message: 781

Thanks, Dave. Very helpful information.

Bob

--- Dave <rickets@...> wrote:
> You'll need a transformer to properly match the wire
> to the co-ax. Here's how to build one:
>
> http://www.kc7nod.20m.com/new_page_1.htm
>
> You can get the toroid (or a pre-assembled
> waterproof "MLB" transformer) from these fine folks:
>
> http://www.palomar-engineers.com/MLB-1/mlb-1.html
>
> dr

_____
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http://personals.yahoo.com

782. Need help with R75 filters

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-16 23:24:44 UTC
From: Jeff
Topic: 782 Message: 782

Hello from a new R75 owner!

I'm having one heck of a time understanding how the filters work, how to customize them, and exactly how the TWIN PBT controls work. I found and read the messages in the archive, tried to understand the posted spreadsheet, but I'm lost. :(

On the brighter side I've received more distant stations in the last couple weeks than I have in the last couple years... :(

Jeff

783. Re: [icomr75] Need help with R75 filters

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-17 14:41:23 UTC
From: Dave
Topic: 782 Message: 783

As I understand it, one filter shifts the second i.f., the other shifts the final i.f.

You can shift one high, the other low and get a very narrow passband. You can shift them both in one direction and get better out-of-passband rejection.

dr
----- Original Message -----
From: Jeff
To: icomr75@yahoogroups.com
Sent: Wednesday, October 17, 2001 00:24
Subject: [icomr75] Need help with R75 filters

Hello from a new R75 owner!

I'm having one heck of a time understanding how the filters work, how
to customize them, and exactly how the TWIN PBT controls work. I found and
read the messages in the archive, tried to understand the posted spreadsheet,
but I'm lost. :(

On the brighter side I've received more distant stations in the last
couple weeks than I have in the last couple years... :(

Jeff

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[Non-text portions of this message have been removed]

784. Re: [icomr75] Need help with R75 filters

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-17 18:20:46 UTC
From: Dave
Topic: 782 Message: 784

I'm speaking of the PBT variable filters below.

dr
----- Original Message -----
From: Dave
To: icomr75@yahoogroups.com
Sent: Wednesday, October 17, 2001 15:41
Subject: Re: [icomr75] Need help with R75 filters

As I understand it, one filter shifts the second i.f., the other shifts the final i.f.

You can shift one high, the other low and get a very narrow passband. You can shift them both in one direction and get better out-of-passband rejection.

dr
----- Original Message -----
From: Jeff
To: icomr75@yahoogroups.com
Sent: Wednesday, October 17, 2001 00:24
Subject: [icomr75] Need help with R75 filters

Hello from a new R75 owner!

I'm having one heck of a time understanding how the filters work, how
to customize them, and exactly how the TWIN PBT controls work. I found and
read the messages in the archive, tried to understand the posted spreadsheet,
but I'm lost. :(

On the brighter side I've received more distant stations in the last
couple weeks than I have in the last couple years... :(

Jeff

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785. R75 DC Supply Voltage

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-19 03:10:54 UTC
From: Ian Johnson
Topic: 785 Message: 785

I knew I had it somewhere......

There was some discussion about the R75's power supply putting out 14V
and concern that less would not be enough.

Icom's specification is 11.7V to 15.9V at up to 1.1A.

So, 14V is a nominal voltage and the set can take down to 11.7V before
it's regulators can't put out required internal voltages.

A bit late. Hope it helps.

73s

Ian J

786. Re: [icomr75] R75 DC Supply Voltage

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-19 03:21:01 UTC
From: Don Nelson
Topic: 785 Message: 786

I've run this receiver off a wall-wart putting out 12V, 1000mA that I purchased while overseas.
No problems.
I don't understand the angst this thread has generated.
Don

----- Original Message -----
From: "Ian Johnson" <ianjohnno@...>
To: <icomr75@yahoogroups.com>
Sent: Thursday, October 18, 2001 8:10 PM
Subject: [icomr75] R75 DC Supply Voltage

> I knew I had it somewhere......
>
> There was some discussion about the R75's power supply putting out 14V
> and concern that less would not be enough.
>
> Icom's specification is 11.7V to 15.9V at up to 1.1A.
>
> So, 14V is a nominal voltage and the set can take down to 11.7V before
> it's regulators can't put out required internal voltages.
>
> A bit late. Hope it helps.
>
> 73s
>
> Ian J
>
>
>
>
>
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>

787. Re: [icomr75] R75 DC Supply Voltage

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-19 04:30:17 UTC
From: Radostin Danev
Topic: 785 Message: 787

Hi Ian & Don,

The floor-wart puts about 19V. 14V is one of the regulated internal voltages (down-regulated from the 19V of the floor-wart, check the shematic - IC1371(PQ30RV31), MAIN UNIT(2) down left). If the receiver is fed with less than 14V (e.g. 12V) the 14V internal line will follow the supply voltage (e.g. 12V). The set will still work, but there could be deterioration of some characteristics as dynamic range and IMD performance as the 1st mixer and Preamp1 use the 14V line. The decrease in performance will probably be small and unnoticeable. If you are feeding the receiver with not well filtered supply under 14V then the ripple will pass through the 14V regulator (as it will be wide open) and go to the 1st mixer and Preamp1. Use a high quality PS (well filtered) or battery.

Best regards,

Rado

----- Original Message -----
From: Ian Johnson
To: icomr75@yahoogroups.com
Sent: Friday, October 19, 2001 12:10 PM
Subject: [icomr75] R75 DC Supply Voltage

I knew I had it somewhere......

There was some discussion about the R75's power supply putting out 14V and concern that less would not be enough.

Icom's specification is 11.7V to 15.9V at up to 1.1A.

So, 14V is a nominal voltage and the set can take down to 11.7V before it's regulators can't put out required internal voltages.

A bit late. Hope it helps.

73s

Ian J

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788. RS-R75 Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-22 01:19:02 UTC
From: Bob
Topic: 788 Message: 788

Do you use this software? If so, I would like to ask
you a few questions as I am thinking of purchasing it.
Unfortunately, ICOM doesn't really give much of a
description of its features on their website.

What features do you find most useful?
Does the software add capabilities that the R-75
doesn't have on its own?
Does it allow you to set up multiple memory banks and
download them to the radio at will?
Please rate its ease of use (and learning.)
Is it a good value for the money (Universal sells it
for $60 plus shipping.)

Thanks for your input. If I have missed anything, feel
free to add to the list.

Bob

_____
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http://personals.yahoo.com

789. Re: [icomr75] RS-R75 Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-22 02:25:59 UTC
From: Dave
Topic: 788 Message: 789

I use Fineware. You can download a demo here:

http://www.fineware-swl.com/sic.html

dr
----- Original Message -----
From: Bob
To: ICOM R75 Group
Sent: Monday, October 22, 2001 02:19
Subject: [icomr75] RS-R75 Software

Do you use this software? If so, I would like to ask
you a few questions as I am thinking of purchasing it.
Unfortunately, ICOM doesn't really give much of a
description of its features on their website.

What features do you find most useful?
Does the software add capabilities that the R-75
doesn't have on its own?
Does it allow you to set up multiple memory banks and
download them to the radio at will?
Please rate its ease of use (and learning.)
Is it a good value for the money (Universal sells it
for $60 plus shipping.)

Thanks for your input. If I have missed anything, feel
free to add to the list.

Bob

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791. R75 Vs R8500

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-22 12:11:34 UTC
From: r7y528@home.com
Topic: 791 Message: 791

I like everything I've read here, but I'd like to know how the R75 rates vs the R8500 on hf only. Some of what I've read implies the R8500 is not so good for hf.

Also, I've seen mention of Rado's R75 Book, where can I find this?
Thanks

James

792. Re: R75 Vs R8500

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-26 02:46:34 UTC
From: Michael Moore
Topic: 791 Message: 792

--- In icomr75@y..., r7y528@h... wrote:
> I like everything I've read here, but I'd like to know how the R75
> rates vs the R8500 on hf only. Some of what I've read implies the
> R8500 is not so good for hf.

The R8500 is lacking some of the features of the R75, e.g. no preamp (if it is really needed you can use an external one), no *twin* PBT (there is a single passband "shift" for the SSB and CW filter), there's no sync detector, no DSP--noise reduction, notch filter, etc., & filter options are limited. Also, you cannot turn the AGC off on the R8500 (though there is a mod somewhere to defeat this). Nonetheless, the R8500 works fine on HF. You can use the SSB filter for AM narrow mode (you need to then detune by 1KHz). It also has an audio peak filter for adjusting the tonal quality. AM signals can be tuned in SSB mode (with no loss of volume) to combat selective fading. Further, the R8500 does an excellent job with SSB signals (and CW) as does the R75. And for the first hour from turning on the radio, the R8500 is a little more stable than the R75 (assuming the stock oscillator has not been upgraded). However, the R75 can tune in 1 Hz increments, however, the minimum increment on the R8500 is 10 Hz -- this is not that big of a deal (if the minimum were 100 Hz then we'd have a problem).

--
Michael Moore

793. Absolute Newbie on R75 (or SW for that matter...)

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-26 06:25:48 UTC
From: Ron Stephens
Topic: 791 Message: 793

I'm used to using an AR8000 scanner, so this shortwave stuff is new to me.

I'm trying to pick up foreign new sources exclusively. As a result, I'd like the R75 to sound as nice as possible.

My current setup:
DX-SWL-S antenna into 50 ohm coax to R75.

MY QUESTION:
I notice that Mr. Rado has several mods in the files section. How does this compare to the mods that KIWA make? Are the KIWA mods the same ones that Mr. Rado suggested, or are they derived from the work of Mr. Rado? I'd like to end up with the best solution for AM/S-AM. BTW, how about that KIWA audio mod?

Thanks in advance for any of your opinions!
-ron

794. Re: Absolute Newbie on R75 (or SW for that matter...)

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-26 11:16:04 UTC
From: Michael Moore
Topic: 791 Message: 794

--- In icomr75@y..., Ron Stephens <stephens@k...> wrote:
> I'm used to using an AR8000 scanner, so this shortwave stuff is new to me.
>
> I'm trying to pick up foreign new sources exclusively. As a result, I'd like
> the R75 to sound as nice as possible.
>
> My current setup:
> DX-SWL-S antenna into 50 ohm coax to R75.
>
> MY QUESTION:
> I notice that Mr. Rado has several mods in the files section. How does this compare
> to the mods that KIWA make? Are the KIWA mods the same ones that Mr. Rado suggested,
> or are they derived from the work of Mr. Rado?

Rado (bless him) did the initial research and development of the AM sync/AGC mod. This information was provided to Kiwa. I have the Kiwa mod and it looks similar to the Rado mod (by observing where the wires are soldered) but if I recall I do not remember the leg of the IC being lifted up from the board like in Rado's mod. Also, I cannot tell exactly which components and their values that Kiwa used, since they are sealed inside a plastic shell.

> I'd like to end up with the best solution
> for AM/S-AM. BTW, how about that KIWA audio mod?

Audio mod -- Kiwa replaces the capicitors that have an affect on audio with superior ones. I cannot discern specifically what effect this has on the audio, since I cannot isolate it from the effects of the AM sync/AGC mod. Nonetheless, with both mods, the radio does produce much improved sound. And the AM sync is improved -- the plain AM mode also seems improved with respect to fading signals (perhaps the plain AM mode on the R75 is a quasi-synchronous mode? Rado?).

--
Michael Moore

> Thanks in advance for any of your opinions!
> -ron

795. Re: [icomr75] Re: Absolute Newbie on R75 (or SW for that matter...)

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-26 15:40:09 UTC
From: Bruce Jensen
Topic: 791 Message: 795

--- Michael Moore <m.moore@...> wrote:

> And the AM sync is improved --
> the plain AM mode also seems improved with respect
to fading signals (perhaps the plain AM mode on the
R75 is a quasi-synchronous mode? Rado?).<

Did they just fix the AGC?

Bruce Jensen

_____
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http://personals.yahoo.com

796. Re: [icomr75] Re: Absolute Newbie on R75 (or SW for that matter...)

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-26 16:29:34 UTC
From: Ron Stephens
Topic: 791 Message: 796

At 04:16 AM 10/26/2001, Michael Moore wrote:
>> I'd like to end up with the best solution
>> for AM/S-AM. BTW, how about that KIWA audio mod?
>
>Audio mod -- Kiwa replaces the capicitors that have an affect on audio
>with superior ones. I cannot discern specifically what effect this
>has on the audio, since I cannot isolate it from the effects of the AM
>sync/AGC mod. Nonetheless, with both mods, the radio does produce
>much improved sound. And the AM sync is improved -- the plain AM mode
>also seems improved with respect to fading signals (perhaps the plain
>AM mode on the R75 is a quasi-synchronous mode? Rado?).

Thanks for the response, Michael!

Two more questions --

(1) How do you like the KIWA mods? Any misgivings?
(2) KIWA changes out the filters for NARROWER ones. How can this make
the radio sound better? It seems like it would reduce the fidelity!
-ron

797. Have just done Rado's Mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-27 01:49:31 UTC
From: smeggiato@yahoo.it
Topic: 797 Message: 797

Hi all,

it's my first message in this discussion group but I read your good suggestions and opinions since some weeks ago (just before I bought my IC-R75).
I was very impressed by Rado's mods description and this evening decided to try them (not the Audio one) on my shining new receiver. I've just finished to do them (it's 3:41am here in Italy (!)) and they seem to work fine. My soldering experience and Rado's advice helped me a lot and I think I have done a nice work (sorry I do not have a camera here). For the moment I wish to thank Rado, I will post my impression about the mods in next posts.

Simone Meggiato

798. Re: Absolute Newbie on R75 (or SW for that matter...)

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-27 08:53:03 UTC
From: Michael Moore
Topic: 791 Message: 798

--- In icomr75@y..., Ron Stephens <stephens@k...> wrote:
> Two more questions --
>
> (1) How do you like the KIWA mods? Any misgivings?

See my comments about the sync detector at
http://members.fortunecity.com/swradios/icr75.html

> (2) KIWA changes out the filters for NARROWER ones. How can this
make
> the radio sound better? It seems like it would reduce the fidelity!
> -ron

To install the 3.8KHz (450 KHz IF), Kiwa removes the 15KHz (450 KHz IF) from the radio, but just *moves* the 6KHz (450 KHz IF) filter from it's orignal position to where the 15KHz was installed. The 6KHz filter provides enough fidelity for AM (however it may be a problem for *some* but not all FM signals). The 3.8KHz filter (which does reduce fidelity) would only be used for AM *narrow* mode, which you only select to improve the rejection of adjacent channel interference.

--
Michael Moore

799. Re: Absolute Newbie on R75 (or SW for that matter...)

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-27 09:09:37 UTC
From: Michael Moore
Topic: 791 Message: 799

```
--- In icomr75@y..., Bruce Jensen <bpnjensen@y...> wrote:
> --- Michael Moore <m.moore@u...> wrote:
>
> > And the AM sync is improved --
> > the plain AM mode also seems improved with respect
> to fading signals (perhaps the plain AM mode on the
> R75 is a quasi-synchronous mode? Rado?).<
>
> Did they just fix the AGC?
>
> Bruce Jensen

The sync detector (after the Kiwa mod) whistles when gaining lock and
whistles when it loses lock. It appears to stay locked on most
signals. While testing it on a *very weak* station, it kept
whistling/howling (before the mod, it seemed to make no attempt to
gain lock).

When I had checked Kiwa's work, I noted that wires were soldered to
pins 3 and 23 in addition to pin 4 (AGC) of the IC.

--
Michael Moore
```

800. Re: Have just done Rado's Mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-30 05:12:57 UTC
From: maritimus49@yahoo.com
Topic: 797 Message: 800

Hello everyone -
I just bought a mint R75 from ebay that is two months old. I am assuming from the various posts here that Icom never did any mods for the R75 after the various criticisms. I have been in touch with Kiwa about the audio, sync and filter mods. However, I have also seen references to Rado's mods and I'm wondering whether I should attempt them instead of paying Kiwa $80 plus postage for the audio and sync mods. Can you tell me where the original message from him is that describes these mods? I am assuming that a small (25 watts or less soldering iron (pencil) is necessary? Any comments will be appreciated. I am looking forward to getting the R75 in the mail. It seems to be an excellent choice. By the way, I appreciate the comment about PC speakers. I also like full audio and I have the use of two Labtec self-powered speakers with treble and bass controls. I will get the 1/8" mono to stereo adapter and use them.
Lastly, I was very pleased to see such a group of fellow R75 owners. What a resource!

73,
Bruce K6RQR

--- In icomr75@y..., smeggiato@y... wrote:
> Hi all,
>
> it's my first message in this discussion group but I read your good
> suggestions and opinions since some weeks ago (just before I bought
> my IC-R75).
> I was very impressed by Rado's mods description and this evening

> decided to try them (not the Audio one) on my shining new receiver.
> I've just finished to do them (it's 3:41am here in Italy (!)) and
> they seem to work fine. My soldering experience and Rado's advice
> helped me a lot and I think I have done a nice work (sorry I do not
> have a camera here). For the moment I wish to thank Rado, I will
post
> my impression about the mods in next posts.
>
>

801. Re: Have just done Rado's Mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-30 06:20:41 UTC
From: Michael Moore
Topic: 797 Message: 801

```
--- In icomr75@y..., maritimus49@y... wrote:
> Hello everyone -
> I just bought a mint R75 from ebay that is two months old. I am
> assuming from the various posts here that Icom never did any mods
for
> the R75 after the various criticisms. I have been in touch with Kiwa
> about the audio, sync and filter mods. However, I have also seen
> references to Rado's mods and I'm wondering whether I should attempt
> them instead of paying Kiwa $80 plus postage for the audio and sync
> mods. Can you tell me where the original message from him is that
> describes these mods? I am assuming that a small (25 watts or less
> soldering iron (pencil) is necessary? Any comments will be
> appreciated. I am looking forward to getting the R75 in the mail. It
> seems to be an excellent choice. By the way, I appreciate the
comment
> about PC speakers. I also like full audio and I have the use of two
> Labtec self-powered speakers with treble and bass controls. I will
get
> the 1/8" mono to stereo adapter and use them.
> Lastly, I was very pleased to see such a group of fellow R75 owners.
> What a resource!
>
> 73,
> Bruce K6RQR

Rado's mods are posted in the file section of this group.

--
Michael Moore
```

802. Model IC-R75A

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-30 22:02:14 UTC
From: mdm@cstone.net
Topic: 802 Message: 802

I have seen a new model 75A popping up in on-line ads. Anybody know
the differences / improvements of the "A" vs. the basic R75?
Dennis

803. Frequencies for Testing?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-31 10:48:50 UTC
From: r7y528@home.com
Topic: 803 Message: 803

Next week, Monday -Tuesday around 2pm PST I'm going to be
checking out an Icom R75 and R8500, connected to the same
antenna (with a spllitter) in a side by side test of tuning.
Are there any frequencies that are fairly active or constant
(maybe a beacon) that I should try tuning in to compare
reception?
I'd ideally like to find a frequency with two stations very close
together so I can try the passband tuning on both rigs.

James Z.

ps I got 11.175 this afternoon on the R75 and heard some
interesting transmissions. The Twin Passband tuning improved
reception.

804. Re: [icomr75] Frequencies for Testing?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-31 17:15:16 UTC
From: Dave
Topic: 803 Message: 804

11.282 usb should be a close to constant as it gets. Eastern Pacific ATC. Also 8.843 usb. Listen for "San Francisco..."

dr
----- Original Message -----
From: r7y528@...
To: icomr75@yahoogroups.com
Sent: Wednesday, October 31, 2001 10:48
Subject: [icomr75] Frequencies for Testing?

Next week, Monday -Tuesday around 2pm PST I'm going to be
checking out an Icom R75 and R8500, connected to the same
antenna (with a spllitter) in a side by side test of tuning.
Are there any frequencies that are fairly active or constant
(maybe a beacon) that I should try tuning in to compare
reception?
I'd ideally like to find a frequency with two stations very close
together so I can try the passband tuning on both rigs.

James Z.

ps I got 11.175 this afternoon on the R75 and heard some
interesting transmissions. The Twin Passband tuning improved
reception.

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805. Re: [icomr75] Frequencies for Testing?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-31 19:59:14 UTC
From: Dave
Topic: 803 Message: 805

Oh yeah! For closely spaced yammering, you can't beat 20 meters. Try around 14.300 usb.

dr
----- Original Message -----
From: Dave
To: icomr75@yahoogroups.com
Sent: Wednesday, October 31, 2001 17:15
Subject: Re: [icomr75] Frequencies for Testing?

11.282 usb should be a close to constant as it gets. Eastern Pacific ATC. Also 8.843 usb.
Listen for "San Francisco..."

dr
----- Original Message -----
From: r7y528@...
To: icomr75@yahoogroups.com
Sent: Wednesday, October 31, 2001 10:48
Subject: [icomr75] Frequencies for Testing?

Next week, Monday -Tuesday around 2pm PST I'm going to be
checking out an Icom R75 and R8500, connected to the same
antenna (with a spllitter) in a side by side test of tuning.
Are there any frequencies that are fairly active or constant
(maybe a beacon) that I should try tuning in to compare
reception?
I'd ideally like to find a frequency with two stations very close
together so I can try the passband tuning on both rigs.

James Z.

ps I got 11.175 this afternoon on the R75 and heard some
interesting transmissions. The Twin Passband tuning improved
reception.

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806. Re: [icomr75] Model IC-R75A

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-31 20:02:50 UTC
From: Michael Oexner
Topic: 802 Message: 806

Hello Dennis,

Tuesday, October 30, 2001, 11:02:14 PM, you wrote:

mcn> I have seen a new model 75A popping up in on-line ads. Anybody know
mcn> the differences / improvements of the "A" vs. the basic R75?
neither http://www.icomamerica.com/ nor
http://www.universal-radio.com/catalog/commrxvr/0175.html mention an
ICOM R75A. So either a typo or wishful thinking :-)

--
Best regards,
Michael mailto:michael.oexner@...

807. SV: [icomr75] Model IC-R75A

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-31 20:47:16 UTC
From: Johan Letterstål
Topic: 807 Message: 807

This could be a "heritage" from the naming of earlier Icom models.
The IC-R71 was produced in at least three flavours; -A for US, -D for Germany and -E for rest of Europe(/world?).
All variants had different limitations in frequency coverage.
I'm not aware of any variants of the R75. Frequency coverage seems to be the same for all markets.
73s Johan L, Sweden

>Hello Dennis,
>
>Tuesday, October 30, 2001, 11:02:14 PM, you wrote:
>
>mcn> I have seen a new model 75A popping up in on-line ads. Anybody know
>mcn> the differences / improvements of the "A" vs. the basic R75?
>neither http://www.icomamerica.com/ nor
>http://www.universal-radio.com/catalog/commrxvr/0175.html mention an
>ICOM R75A. So either a typo or wishful thinking :-)
>
>
>--
>Best regards,
> Michael mailto:michael.oexner@...
>
>
>
>To unsubscribe from this group, send an email to:
>icomr75-unsubscribe@egroups.com
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808. Re: [icomr75] Model IC-R75A

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-10-31 23:00:15 UTC
From: Simone Meggiato
Topic: 802 Message: 808

>I'm not aware of any variants of the R75. Frequency coverage seems to be
the same for all markets.
>73s Johan L, Sweden

Radio Netherlands says the contrary, check here:
http://www.rnw.nl/realradio/icr75.html

P.S.
Just as a note; Radio Netherlands purchased an IC-R75 in 1999 with serial
number 1442; I purchased mine some weeks ago and it is 1449...

Saluti,

Simone Meggiato
E-mail: argo16@...
ICQ: 10073514
HomePage: argo16.dyndns.org
Online dal 1991
---

809. Re: [icomr75] Have just done Rado's Mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-01 00:19:52 UTC
From: Simone Meggiato
Topic: 797 Message: 809

>El mod. de Rado es muy bueno, aumenta mucho la funcion S-AM.

I'm very disappointed about this. After some days of test I haven't still found an AM modulated signal where I can hear the difference between AM and S-AM (modified, Rado's 1.1).
My IC-R75 seems to behave as expected after the mods, can hear the whines during tuning and a S-AM with a variable lock time from 1 to 5 or 6 seconds (sometimes, very rarely, it doesn't lock at all), the S indication does not blink anymore, *but* my receiver seems to never loose lock even removing the 12k resistor between pin 3 and 23 after having locked. Perhaps this is a simptom of a problem.

Any idea? Rado?

Thank you,
Saluti,

Simone Meggiato
E-mail: argo16@...
ICQ: 10073514
HomePage: argo16.dyndns.org
Online dal 1991
---

810. Re: Model IC-R75A, Icom says no difference

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-01 03:26:12 UTC
From: r7y528@home.com
Topic: 802 Message: 810

I emailed Icom and their reciever tech person replied that there
is no difference between the models.

James Z.

--- In icomr75@y..., Michael Oexner <michael.oexner@w...>
wrote:
> Hello Dennis,
>
> Tuesday, October 30, 2001, 11:02:14 PM, you wrote:
>
> mcn> I have seen a new model 75A popping up in on-line ads.
Anybody know
> mcn> the differences / improvements of the "A" vs. the basic
R75?
> neither http://www.icomamerica.com/ nor
> http://www.universal-radio.com/catalog/commrxvr/0175.html
mention an
> ICOM R75A. So either a typo or wishful thinking :-)
>
>
> --
> Best regards,
> Michael mailto:michael.oexner@w...

811. Re: [icomr75] Have just done Rado's Mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-01 03:29:33 UTC
From: Radostin Danev
Topic: 797 Message: 811

Hi Simone,

> I'm very disappointed about this. After some days of test I haven't still
> found an AM modulated signal where I can hear the difference between AM
and
> S-AM (modified, Rado's 1.1).

I'm sorry to hear this. Check once again the pin numbers and the wires.
To hear the difference you need to find a station with selective fading
distortion (when the signal fades the audio is distorted).

> My IC-R75 seems to behave as expected after the mods, can hear the whines
> during tuning and a S-AM with a variable lock time from 1 to 5 or 6
seconds
> (sometimes, very rarely, it doesn't lock at all), the S indication does
not
> blink anymore, *but* my receiver seems to never loose lock even removing
the
> 12k resistor between pin 3 and 23 after having locked. Perhaps this is a
> simptom of a problem.

The whistles mean that you lifted pin 23 successfully. If the whistles
bother you - remove the resistor between pin 3 and pin 23. This will not
remove them completely but will shorten them significantly.

Sometime this week I will post an updated version of the S-AM mod. It
revives the blinking S-AM and further shortens the whistles but requires
more additional components (transistors). If you are interested wait until I
post the latest version.

Best regards,

Rado

812. Re: [icomr75] Re: Model IC-R75A, Icom says no difference

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-01 16:54:52 UTC
From: Bruce Jensen
Topic: 802 Message: 812

Does this mean, in fact, there is a new "A" model?
And if no difference, why a new designation?

Bruce Jensen
**********--- r7y528@... wrote:
> I emailed Icom and their reciever tech person
> replied that there
> is no difference between the models.
>
>
> James Z.
>
> --- In icomr75@y..., Michael Oexner
> <michael.oexner@w...>
> wrote:
> > Hello Dennis,
> >
> > Tuesday, October 30, 2001, 11:02:14 PM, you wrote:
> >
> > mcn> I have seen a new model 75A popping up in
> on-line ads.
> Anybody know
> > mcn> the differences / improvements of the "A" vs.
> the basic
> R75?
> > neither http://www.icomamerica.com/ nor
> >
>
http://www.universal-radio.com/catalog/commrxvr/0175.html
>
> mention an
> > ICOM R75A. So either a typo or wishful thinking
> :-)
> >
> >
> > --
> > Best regards,
> > Michael
> mailto:michael.oexner@w...
>
>

=====
Bruce Jensen, associate of:
The Astronomy Connection http://observers.org/

Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
American Coaster Enthusiasts http://www.aceonline.org/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

_____
Do You Yahoo!?
Make a great connection at Yahoo! Personals.
http://personals.yahoo.com

813. SV: [icomr75] Model IC-R75A

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-01 20:28:27 UTC
From: Johan Letterstål
Topic: 807 Message: 813

Ok, I see it. Missed that...Tnx!
But still, I don't believe there exists any "improved" A-model. In the case letters are used by suppliers or users, the purpose could be to reflect limitations in fq-coverage (a la R71) or mains voltage on the AC/DC-adapter.
73s Johan

>>I'm not aware of any variants of the R75. Frequency coverage seems to be
>the same for all markets.
>>73s Johan L, Sweden
>
>Radio Netherlands says the contrary, check here:
>http://www.rnw.nl/realradio/icr75.html
>
>P.S.
>Just as a note; Radio Netherlands purchased an IC-R75 in 1999 with serial
>number 1442; I purchased mine some weeks ago and it is 1449...
>
>Saluti,
>---
>Simone Meggiato
>E-mail: argo16@...
>ICQ: 10073514
>HomePage: argo16.dyndns.org
>Online dal 1991
>---
>
>
>
>
>
>To unsubscribe from this group, send an email to:
>icomr75-unsubscribe@egroups.com
>
>
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

814. Re: Have just done Rado's Mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-01 22:24:07 UTC
From: jgedde@bestweb.net
Topic: 797 Message: 814

I have already done the S-AM mod, and it works as advertised. The improvment in distortion in selective fading signals is most noticable with narrower bandwidths. Try it in narrow AM mode with both PBT controls turned all the way to the left or right to open up the IF a bit.

I can't wait to get ahold of Rado's new S-AM mods....

John Gedde

--- In icomr75@y..., "Radostin Danev" <rado@n...> wrote:
> Hi Simone,
>
> > I'm very disappointed about this. After some days of test I haven't still
> > found an AM modulated signal where I can hear the difference between AM
> and
> > S-AM (modified, Rado's 1.1).
>
> I'm sorry to hear this. Check once again the pin numbers and the wires.
> To hear the difference you need to find a station with selective fading
> distortion (when the signal fades the audio is distorted).
>
> > My IC-R75 seems to behave as expected after the mods, can hear the whines
> > during tuning and a S-AM with a variable lock time from 1 to 5 or 6
> seconds
> > (sometimes, very rarely, it doesn't lock at all), the S indication does
> not
> > blink anymore, *but* my receiver seems to never loose lock even removing
> the
> > 12k resistor between pin 3 and 23 after having locked. Perhaps this is a
> > simptom of a problem.
>
> The whistles mean that you lifted pin 23 successfully. If the whistles
> bother you - remove the resistor between pin 3 and pin 23. This will not
> remove them completely but will shorten them significantly.

>
> Sometime this week I will post an updated version of the S-AM mod.
It
> revives the blinking S-AM and further shortens the whistles but
requires
> more additional components (transistors). If you are interested
wait until I
> post the latest version.
>
> Best regards,
>
> Rado

815. R75 mk11

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-03 01:15:45 UTC
From: Jem Cullen
Topic: 815 Message: 815

OK so the "A" stands for USA vers or similar.
Anyway lately icom seem to be using "Mk11" designation.
Heres a question. If/when Icom do update the r75, what functions/features performance changes would you like to see?

Given it must be vbasically the same radio, with no additional buttons or any thing that makes it lots more exopeensive just little things.

Obviously Rado sync/agc mod should be standard.
What else? Perhaps a 4khz filter? I would like a A-B vfo setup for checking //frequs or two sides of a duplex signal.

ALso I fingd the V/M button annoying. seems to be too easy to replace the VFO with tmemory freq when flicking back and forth, so a slight change there.cant have a tone, coz that would need extra knob,so is beyond our mental exercise here.

i owuld like the on/off timer to remember a frequency as well as time so it can be a better alarm clock - or to record particular transmissions.

ANY IDEAS?

73 de jem VK2JEM

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816. Re: [icomr75] Have just done Rado's Mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-03 02:30:49 UTC
From: Simone Meggiato
Topic: 797 Message: 816

Hi,

>I'm sorry to hear this. Check once again the pin numbers and the wires.
>To hear the difference you need to find a station with selective fading
>distortion (when the signal fades the audio is distorted).

It works! The mods were done correctly (after all I have some experience in electronics and the right equipment, even if I usually build up digital machines, and I checked the job "ad nauseam"), simply before now I haven't found the right signal. Some minutes ago I tuned the usual nocturnal trasmission of RAI (italian national broadcasting service) from Rome; this evening the signal is low (very strange, usually it is strong) and fades (not very deep) distort the audio; with S-AM the audio is clear and the difference is perceptible.

>Sometime this week I will post an updated version of the S-AM mod. It
>revives the blinking S-AM and further shortens the whistles but requires
>more additional components (transistors). If you are interested wait until
>I post the latest version.

Of course I'm curious and I will try the mod if it does not involve the use of external control boxes or modifications to the chassis (I do like to have all *inside* the radio and after all it is still new).

Thank you again,
Saluti,

Simone Meggiato
E-mail: argo16@...
ICQ: 10073514
HomePage: argo16.dyndns.org
Online dal 1991
---

817. IC-R75 serial protocol

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-03 12:05:50 UTC
From: Simone Meggiato
Topic: 817 Message: 817

Hi all,

does anyone of you know where I can find information about the serial
protocol used by IC-R75 (not the CI-V)?

Thank you,
Saluti,

Simone Meggiato
E-mail: argo16@...
ICQ: 10073514
HomePage: argo16.dyndns.org
Online dal 1991
---

818. Re: R75 improvements desired

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-03 12:58:06 UTC
From: r7y528@home.com
Topic: 815 Message: 818

Yes, more memories, 200, 500? expanded frequency coverage.
always on clock. Built in RTTY display, Frequency spectrum...
woah, there goes the price.
How about a new model that does everyhting the Yaesu VR5000
does, but does it correctly, and has the features of the current
r75?

James Z.

--- In icomr75@y..., "Jem Cullen" <jemmex@h...> wrote:

> Heres a question. If/when Icom do update the r75, what
functions/features
> performance changes would you like to see?
>
> Given it must be vbasically the same radio, with no additional
buttons or
> any thing that makes it lots more exopeensive just little things.
><deleted>

819. Re: IC-R75 serial protocol

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-03 14:17:47 UTC
From: Sally
Topic: 817 Message: 819

Yep, its all right there on pages 40, 41, 42 and 43 of the R-75
manual which comes with the unit.

:-) Sally.

--- In icomr75@y..., "Simone Meggiato" <smeggiato@y...> wrote:
> Hi all,
>
> does anyone of you know where I can find information about the
serial
> protocol used by IC-R75 (not the CI-V)?
>
> Thank you,
> Saluti,
> ----------
> Simone Meggiato
> E-mail: argo16@t...
> ICQ: 10073514
> HomePage: argo16.dyndns.org
> Online dal 1991
> ----------

820. Re: [icomr75] Re: IC-R75 serial protocol

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-03 16:00:41 UTC
From: Simone Meggiato
Topic: 817 Message: 820

>Yep, its all right there on pages 40, 41, 42 and 43 of the R-75
>manual which comes with the unit.

Whops! :) I thought that CI-V and direct serial protocol were different.
I've just connected my home made CI-V interface, after reading of your
message, and have seen that commands look identical. That is obvious... :)

Saluti,

Simone Meggiato
E-mail: argo16@...
ICQ: 10073514
HomePage: argo16.dyndns.org
Online dal 1991
---

821. New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-05 03:18:30 UTC
From: icomr75@yahoogroups.com
Topic: 242 Message: 821

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the icomr75
group.

File : /R75 mods/R75_AM_and_SAM_mod_VER20.pdf
Uploaded by : rado@...
Description : R75 AM&S-AM mod Ver. 2.0 (upgrede to Ver.1.1)

You can access this file at the URL

http://groups.yahoo.com/group/icomr75/files/R75%20mods/R75_AM_and_SAM_mod_VER20.pdf

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

rado@...

822. AM&S-AM mod ver.2.0

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-05 03:22:51 UTC
From: Radostin Danev
Topic: 822 Message: 822

Hi R75ers,

Just uploaded mod Ver.2.0. Sorry for the delay.

Best regards,

Rado

823. R75 for MW , (BCB), DXing?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-05 20:02:38 UTC
From: gary041@earthlink.net
Topic: 823 Message: 823

How is the Icom R-75 for medium wave or broadcast, BCB, DXing? I'm very interested in this radio, and want to use it solely for this purpose. I see a modification which restores the MW band sensitivity, but how does the radio perform on this band without doing this mod? Does the radio have good enough selectivity, and does it perform well using ECSS?

Thanks for any help you can provide me.
73
Gary

824. Re: [icomr75] R75 for MW , (BCB), DXing?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-05 22:29:23 UTC
From: Bruce Jensen
Topic: 823 Message: 824

--- gary041@... wrote:
> How is the Icom R-75 for medium wave or broadcast,
> BCB, DXing? I'm
> very interested in this radio, and want to use it
> solely for this
> purpose. I see a modification which restores the MW
> band sensitivity,
> but how does the radio perform on this band without
> doing this mod?
> Does the radio have good enough selectivity, and
> does it perform well
> using ECSS?

I live in the SF Bay area, where MW stations are
rampant and powerful. The radio certainly seems
sensitive enough as is, at least above 1 Mhz, although
if you live in a more remote location, additional
sensitivity wouldn't hurt.

If I were to do MW DXing here in station free-for-all,
I would not do the mod, at least at first. I'd get a
3.3 - 4 kHz filter for narrow AM reception, and the
1.9 kHz filter for SSB. I may do this anyway ;-)
After that, I'd then reassess the need for greater
sensitivity. The R75 has some pretty good preamps
anyway, and the ECSS performance is superb, especially
wiht the DSP and TPBT. Use headphones or an external
speaker for best results.

73,
Bruce Jensen

=====
Bruce Jensen, associate of:
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
American Coaster Enthusiasts http://www.aceonline.org/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

____
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Find a job, post your resume.
http://careers.yahoo.com

825. Have just done Rado's Mods 2.0

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-05 22:58:03 UTC
From: Simone Meggiato
Topic: 825 Message: 825

Hi all,

I have just finished to solder all what is needed to implement Rado's mod 2.0.
It seems to work fine, as expected. Whistles are very short; if S-AM doesn't lock AM is used and the S blinks.

In place of Q1 and Q2 I used two BC547B (high beta, common general purpose transistors).

Thank you Rado, this seems to be a nice job.

PS.
Rado, check the "description" section in your .pdf; I think there is mistake when you explain how the transistors work (at least there is a mistake if we mean the same when we say that a transistor "opens" or "closes").

Saluti,

Simone Meggiato
E-mail: argo16@...
ICQ: 10073514
HomePage: argo16.dyndns.org
Online dal 1991

[Non-text portions of this message have been removed]

826. Re: [icomr75] R75 for MW , (BCB), DXing?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-05 23:43:48 UTC
From: k1ygg@aol.com
Topic: 823 Message: 826

In a message dated 11/5/01 5:32:14 PM Eastern Standard Time,
bpnjensen@... writes:

> I live in the SF Bay area, where MW stations are
> rampant and powerful. The radio certainly seems
> sensitive enough as is, at least above 1 Mhz, although
> if you live in a more remote location, additional
> sensitivity wouldn't hurt.
>
> If I were to do MW DXing here in station free-for-all,
> I would not do the mod, at least at first. I'd get a
> 3.3 - 4 kHz filter for narrow AM reception, and the
> 1.9 kHz filter for SSB. I may do this anyway ;-)
> After that, I'd then reassess the need for greater
> sensitivity. The R75 has some pretty good preamps
> anyway, and the ECSS performance is superb, especially
> wiht the DSP and TPBT. Use headphones or an external
> speaker for best results.
>
> 73,
>

I strongly agree with Bruce's comments. I have not modified the sensitivity in my R75 and it never has a problem digging out a weak signal. I have a Kenwood R5000 with the MW sensitivity increase mod and I would rate both radios as equal. Using a 300 foot longwire antenna and R75 preamp2 on, I get a local station (about 5 miles away) coming in on frequencies other than its correct one. I switch the preamp off and the problem goes away. Jim Springfield Ma.

[Non-text portions of this message have been removed]

827. Re: [icomr75] Have just done Rado's Mods 2.0

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-06 01:08:50 UTC
From: Radostin Danev
Topic: 825 Message: 827

Hi Simone,

> I have just finished to solder all what is needed to implement Rado's mod 2.0.
> It seems to work fine, as expected. Whistles are very short; if S-AM doesn't lock AM is used and the S blinks.

I am glad to hear that.

> In place of Q1 and Q2 I used two BC547B (high beta, common general purpose transistors).

OK. I will add the info that BC547B is suitable.

> Thank you Rado, this seems to be a nice job.

You are welcome. :-)

> PS.
> Rado, check the "description" section in your .pdf; I think there is mistake when you explain how the transistors work > (at least there is a mistake if we mean the same when we say that a transistor "opens" or "closes").

Oh. I am working a lot with vacuum systems (electron microscope) and maybe I think of a transistor as a valve. When it is "open" it passes current through. You seem to think of it as a switch - when it is "closed" it passes current. I will think of some other terms - thank you for noting.

Best regards,

Rado

828. Re: [icomr75] R75 for MW , (BCB), DXing?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-06 01:49:27 UTC
From: Steve Ratzlaff
Topic: 823 Message: 828

Hi,
I also live in the SF Bay area (hi, Bruce!--Palo Alto area), and use my R75 with no mods for LF beacon DXing, with an active whip antenna. I use Preamp 1 turned on, and find with that configuration I have completely adequate sensitivity. Of course I have to use an LF low pass filter between antenna and receiver to prevent overloading the receiver with the many strong BCB stations.
Incidentally, Preamp 2 was primarily designed to be used above 30MHz; it's an integrated circuit, and has very poor overload resistance (intercept points).
I use an aftermarket 250Hz CW filter for all my LF listening (actually I have one in both the 9MHz and 455kHz positions).
The noise blanker in the R75 is especially effective; rivalling that of the Drake R8B and, oddly, the lowly Yaesu FRG-7700.
Even being some 40 miles or so from the ocean, off-shore LF beacons from places like Alaska, Easter Island, Japan, etc. are regularly heard here. Unfortunately, urban noise buzzes frequently prevent any LF reception, that even the noise blanker won't reduce sufficiently.
Steve
----- Original Message -----
From: Bruce Jensen
To: icomr75@yahoogroups.com
Sent: Monday, November 05, 2001 2:29 PM
Subject: Re: [icomr75] R75 for MW , (BCB), DXing?

I live in the SF Bay area, where MW stations are
rampant and powerful.

[Non-text portions of this message have been removed]

829. Re: [icomr75] Digest Number 236

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-06 14:08:37 UTC
From: Eddie Bryant
Topic: 829 Message: 829

> > PS.
> > Rado, check the "description" section in your .pdf; I think there is
> mistake when you explain how the transistors work > (at least there is a
> mistake if we mean the same when we say that a transistor "opens" or
> "closes").
>
> Oh. I am working a lot with vacuum systems (electron microscope) and maybe
I
> think of a transistor as a valve. When it is "open" it passes current
> through. You seem to think of it as a switch - when it is "closed" it
passes
> current. I will think of some other terms - thank you for noting.
>
> Best regards,
>
> Rado

I have the same problem.....I work with Hydraulic Systems on aircraft and
coming
from an electronic background I always get the two terms(OPEN-fluid flowing
/CLOSED fluid stopped). Where as in a relay when things are open there is no
action or current flow. Totally opposite .I could not figure out why I kept
getting
these two operations reversed until I thought about relays and their two
states of
operation.

This whole valve terminology when used in conjunction with transistors seems
to be
a passover form the days of tubes. Also, seems more prevalent in countries
other than
the US. Nothing is wrong with it....it's just different.

I have a second R75 here(enjoyed the first so much I had to buy another) and
have
not done any mods to it. I look forward to trying out the new Rado Mod.on
it.

Currently my job is in jeopardy(due to the recent acts of terrorism and the
economic
effects it has had on the airline industry) and I will most likely be on the
job search
here shortly. So, I will have plenty of time to work this mod. between job
interviews.
Sounds like a pleasant diversion!

Eddie
N4UMJ
Matthews, NC USA

830. Re: [icomr75] R75 for MW , (BCB), DXing?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-06 17:04:19 UTC
From: Bruce Jensen
Topic: 823 Message: 830

--- Steve Ratzlaff <sratzlaf@...> wrote:
> Hi,
> I also live in the SF Bay area (hi, Bruce!--Palo
> Alto area), and use my R75 with no mods for LF
> beacon DXing, with an active whip antenna. I use
> Preamp 1 turned on, and find with that configuration
> I have completely adequate sensitivity. Of course I
> have to use an LF low pass filter between antenna
> and receiver to prevent overloading the receiver
> with the many strong BCB stations.

No kidding! - my LW is full of BCB (strangely, much more than I have on my double conversion FRG-100 - how come?).

> Incidentally, Preamp 2 was primarily designed to be
> used above 30MHz; it's an integrated circuit, and
> has very poor overload resistance (intercept
> points).

Interesting - is this publicly stated? I use it on HF all the time...

<snips>

> The noise blanker in the R75 is especially
> effective; rivalling that of the Drake R8B and,
> oddly, the lowly Yaesu FRG-7700.

I rarely have a chance to put it to use; for some reason, my locale, next to a rather heavy truck route, apparently just doesn't suffer from impulse-type noise much.

> Even being some 40 miles or so from the ocean,
> off-shore LF beacons from places like Alaska, Easter
> Island, Japan, etc. are regularly heard here.
> Unfortunately, urban noise buzzes frequently prevent
> any LF reception, that even the noise blanker won't
> reduce sufficiently.

Ditto here near San Lorenzo. I use an MFJ-1026 to help reduce that stuff, but there's enough of it on LW so that it's impossible to remove entirely.

> Steve

Do You Yahoo!?
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http://careers.yahoo.com

831. Re: R75 for MW , (BCB), DXing?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-07 01:12:50 UTC
From: sratzlaf@flash.net
Topic: 823 Message: 831

Hi Bruce,
I see you're on the other side of the bay from me, in San Lorenzo.

I don't know if Preamp 2 has been "publicly" commented on, but I looked it up and it's an integrated circuit preamp designed for VHF usage; no special features about it other than its rather large gain. Its performance specs are mediocre, at least for overload resistance, as would be expected from an IC, low-current preamp. Of course you can use it for HF, or MF, for that matter, as long as you realize it's much more subject to generating distortion from overloading. I've personally not found a need for the extra gain for my particular receiving usages, and the couple times I tried it found definite overloading distortion.

Reception of LF is not a trivial matter, mainly due to so much noise from the house field and nearby powerlines, not to mention all the electronic gadgets folks use these days--light dimmers, electronic light bulbs, motors, etc. Passive wire antennas are very inefficient at LF, unless a wire of 300 feet or longer can be strung. I use an active whip antenna for LF; it's very efficient. I have a wire antenna I use for MF and HF.

I have no idea why your FRG100 gives less AMBCB IMD in the LF region than your R75; they're both similar radios. I don't own a FRG100, but would certainly like to compare it on LF to other radios I have (AR7030, R71) which all give more or less the same results on LF. I like the R75 since its noise blanker works so well. Here in the SF Bay area, I've found that some LF AMBCB garbage is not actual IMD generated in my antennas or receivers, but is actually radiated and picked up by my antennas. Perhaps nearby rusty joints are rectifying the very strong AMBCB signals and radiating them. I can hear the same type of signals even with my totally-passive wire antenna, indicating it's not being generated in my setup.
If I want a nice quiet noise floor, especially for LF listening, I drive to the nearby coastal hills, where I have a spot near Big Basin State Park I setup my antenna and listen in the car.
Steve Ratzlaff

-- In icomr75@y..., Bruce Jensen <bpnjensen@y...> wrote:
> --- Steve Ratzlaff <sratzlaf@f...> wrote:
> > Hi,
> > I also live in the SF Bay area (hi, Bruce!--Palo
> > Alto area), and use my R75 with no mods for LF
> > beacon DXing, with an active whip antenna. I use
> > Preamp 1 turned on, and find with that configuration
> > I have completely adequate sensitivity. Of course I

> > have to use an LF low pass filter between antenna
> > and receiver to prevent overloading the receiver
> > with the many strong BCB stations.
>
> No kidding! - my LW is full of BCB (strangely, much
> more than I have on my double conversion FRG-100 - how
> come?).
>
> > Incidentally, Preamp 2 was primarily designed to be
> > used above 30MHz; it's an integrated circuit, and
> > has very poor overload resistance (intercept
> > points).
>
> Interesting - is this publicly stated? I use it on HF
> all the time...
>
> <snips>
>
> > The noise blanker in the R75 is especially
> > effective; rivalling that of the Drake R8B and,
> > oddly, the lowly Yaesu FRG-7700.
>
> I rarely have a chance to put it to use; for some
> reason, my locale, next to a rather heavy truck route,
> apparently just doesn't suffer from impulse-type noise
> much.
>
> > Even being some 40 miles or so from the ocean,
> > off-shore LF beacons from places like Alaska, Easter
> > Island, Japan, etc. are regularly heard here.
> > Unfortunately, urban noise buzzes frequently prevent
> > any LF reception, that even the noise blanker won't
> > reduce sufficiently.
>
> Ditto here near San Lorenzo. I use an MFJ-1026 to
> help reduce that stuff, but there's enough of it on LW
> so that it's impossible to remove entirely.
>
> > Steve
>
> _____
> Do You Yahoo!?
> Find a job, post your resume.
> http://careers.yahoo.com

832. Re: [icomr75] Re: R75 for MW , (BCB), DXing?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-07 22:30:57 UTC
From: Bruce Jensen
Topic: 823 Message: 832

--- sratzlaf@... wrote:
> Hi Bruce,
> I see you're on the other side of the bay from me,
> in San Lorenzo.

Yeah - and OH! By the way, my friends and I are probably going to be at Montebello Open Space tonight with our telescopes. A short hop for you - if you wnated to visit and see some stellar stuff in pretty big scopes, you may want to stop by. If you decide to go, give me a phone call by about 3:45 PM to be sure I am going - (510) 276-7780..anyhow...

>I don't know if Preamp 2 has been "publicly" commented on, but I looked it up and it's an integrated circuit preamp designed for VHF usage; no special features about it other than its rather large gain....I've personally not found a need for the extra gain for my particular receiving usages, and the couple times I tried it found definite overloading distortion.<

On low freqs, it's definitely true - but higher, it's great for Asian stations. It sure helps Sri Lanka!

> Reception of LF is not a trivial matter, mainly due
> to so much noise from the house field and nearby powerlines, not to mention all the electronic gadgets folks use these days--light dimmers, electronic light bulbs, motors, etc. Passive wire antennas are very inefficient at LF, unless a wire of 300 feet or longer can be strung. I use an active whip antenna for LF; it's very efficient. I have a wire antenna I use for MF and HF.<

I agree. My SW antennae are very weak on LW - I can only hear a few local stations as a rule.

>I like the R75 since its noise blanker works so well.<

I just discovered that in a big way - some horrid S9 noise was fouling my 19 meter reception this noon, and the MFJ-1026 only marginally helped (again, I need to tinker with the antennae), but when I tried the NB, whew! - the noise signal dropped to S1, and a mess of stations popped out from nowhere. After that, the sun

apparently messed up the bands because they became practically silent, but nonetheless...

> Here in the SF Bay area, I've found that some LF AMBCB garbage is not actual IMD generated in my antennas or receivers, but is actually radiated and picked up by my antennas. Perhaps nearby rusty joints are rectifying the very strong AMBCB signals and radiating them. I can hear the same type of signals even with my totally-passive wire antenna, indicating it's not being generated in my setup.<

I get the same thing here, especially the last several days. My BCB filter, which obviously cuts the strength of MW signals by 50 to 80 dB, has little effect on the harmonic slop that runs up as high as the 31 meter band. I'm not sure where the problem lies here; I need to look around a bit for it.

> If I want a nice quiet noise floor, especially for LF listening, I drive to the nearby coastal hills, where I have a spot near Big Basin State Park I setup my antenna and listen in the car.<

Sounds great - cities just suck, I guess, for many reasons. Next summer, I'm going to bring the whole shootin' match up to our star party at Lassen and see how it goes up there at 8,000 feet :-)

Bruce Jensen
****

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http://careers.yahoo.com

833. Comparison between Icom R8500 and R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-08 08:50:35 UTC
From: r7y528@home.com
Topic: 833 Message: 833

I did the comparison between the Icom R75 and R8500 this afternoon. This isn't a scientific comparison, its just my fiddling with the two radios side by side, with a switch connecting both to a beam on the roof. I started at Wednesday afternoon at 3:15 pm PST in Sunnyvale, CA, USA.

I only compared reception of selected frequencies. I didn't do any scanning or searching. The R75 didn't have the DSP option.

First test was WWV on 5,10,15,and 20 MHz. 5 didn't come in. 10 was noisy and weak on both radios. 15 and 20 were strong and clear, free of noise. Reception appeared the same on both.
Then 21.740 and 12.095, sound quality on the R8500 was clearer.
14.100 came in very weak with lots of noise on both radios.
Later in the afternoon I listened to some conversations on 14.325. Here the R75 worked better. There was some noise on the frequency from another signal. Using the Twin Pass Band Tuning to shift to the right, the noise went away. The IF Shift control on the R8500 should have had the same effect, but didn't. I didn't find any other signals where the Twin pass band tuning was needed.

I tuned in a beacon on 28.214 which was clearer on the R75. Another beacon on 28.189 sounded the same on both radios.

I got a little milcom on 11.175. both radios sounded the same, although the R8500 may have been a bit clearer. There was a lot of noise. I could hear the coded message characters though. (3 ☐ O U V 7 H G Q)

I also tried am broadcast, KCBS 740 am (a major Bay area broadcaster) came in fine on both radios.

The first preamp on the R75 helped several times. I didn't notice any difference using the noise blanker or the AGC buttons. The Attenuator knocked some signals off entirely. Preamp 1 helped, preamp 2 only added noise.

The buttons on the R8500 were easier to use. They are larger, spread farther apart, and seem to push better. The tuning knob on the 8500 may be a bit smoother also. I did use the tension adjustment on the R75 tuning and it felt pretty good. The display on both radios was sharp and easy to read.

Overall, the speaker on the R8500 sounds better than the R75. But with the Icom SP 21 external speaker, the R75 sounded very

good. The R75 with this external speaker sounded better than the R8500 using the speaker. The sound on the R8500 may be muted a bit.

After about two hours of listening I decided on the R75 and ordered one. I also ordered the DSP option. One factor that played into the choice is that I can also buy a VHF/UHF radio like the Uniden 780XLT which also has Trunk Tracking and still end up paying less than for an R8500.

I'd like to say thanks to Ham Radio Outlet in Sunnyvale, CA. They set up the two radios and an antenna splitter and let me play with the them for more than two hours.

Frequencies checked were 11.175, 8.906,8.825,6.671,8.992, 5.696, 4.747, 5.000, 10.000,15.000,20.000, 13.650, 13.670, 21.740, 21.740, 12.095, 9.950, 11.985, 14.235, 14.100, 24.900, 28.214, 28.189, 14.300, 2.863, 6.679, 8.828, 13.282, 3.330, 7.335, 14.760. unless mentioned, nothing was heard on most of these.

834. Re: [icomr75] Have just done Rado's Mods 2.0

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-08 11:19:33 UTC
From: Simone Meggiato
Topic: 825 Message: 834

>Oh. I am working a lot with vacuum systems (electron microscope) and maybe
I
>think of a transistor as a valve. When it is "open" it passes current
>through. You seem to think of it as a switch - when it is "closed" it
passes
>current. I will think of some other terms - thank you for noting.

It's exactly that way. As someone stated there's nothing wrong in the two
meanings, it is just a problem of ...conventions.

Saluti,

Simone Meggiato
E-mail: argo16@...
ICQ: 10073514
HomePage: argo16.dyndns.org
Online dal 1991
---

835. Manual in PDF format

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-08 20:58:04 UTC
From: Krister Eriksson SM6KRI
Topic: 835 Message: 835

On Icomameica website http://icomamerica.com/ klick on support, documets you will find some technical documents on various rigs and other things. also here is the manuals in PDF document to download i e R-75. R-8500 ....

73/
Krister Eriksson

Amateurradio: SM6KRI
Homepage: http://www.qsl.net/sm6kri

Besök gärna SSA:s länksida:
http://w1.315.telia.com/~u31502061/ssalink/ssa_link.html

----- Original Message -----
From: "Simone Meggiato" <smeggiato@...>
To: <icomr75@yahoogroups.com>
Sent: Thursday, November 08, 2001 12:19 PM
Subject: Re: [icomr75] Have just done Rado's Mods 2.0

> >Oh. I am working a lot with vacuum systems (electron microscope) and maybe
> I
> >think of a transistor as a valve. When it is "open" it passes current
> >through. You seem to think of it as a switch - when it is "closed" it
> passes
> >current. I will think of some other terms - thank you for noting.
>
> It's exactly that way. As someone stated there's nothing wrong in the two
> meanings, it is just a problem of ...conventions.
>
> Saluti,
> ---
> Simone Meggiato
> E-mail: argo16@...
> ICQ: 10073514
> HomePage: argo16.dyndns.org
> Online dal 1991
> ---
>
>
>
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>

836. Re: Comparison between Icom R8500 and R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-09 04:10:45 UTC
From: Michael Moore
Topic: 833 Message: 836

--- In icomr75@y..., r7y528@h... wrote:
> The IF Shift
> control on the R8500 should have had the same effect, but
> didn't.

Was the R8500 in SSB mode? (The R8500 "shift" doesn't work in AM
mode.)

> I'd like to say thanks to Ham Radio Outlet in Sunnyvale, CA. They
> set up the two radios and an antenna splitter and let me play
> with the them for more than two hours.

3 cheers for HRO!

--
Michael Moore

837. Re: Comparison between Icom R8500 and R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-09 08:55:27 UTC
From: r7y528@home.com
Topic: 833 Message: 837

Yes, most of the frequencies I looked at were in USB.

James Z.

--- In icomr75@y..., "Michael Moore" <m.moore@u...> wrote:
> --- In icomr75@y..., r7y528@h... wrote:
> > The IF Shift
> > control on the R8500 should have had the same effect, but
> > didn't.
>
> Was the R8500 in SSB mode? (The R8500 "shift" doesn't
work in AM
> mode.)
>
>
> > I'd like to say thanks to Ham Radio Outlet in Sunnyvale, CA.
They
> > set up the two radios and an antenna splitter and let me play
> > with the them for more than two hours.
>
> 3 cheers for HRO!
>
>
> --
> Michael Moore

838. Re: Comparison between Icom R8500 and R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-09 08:56:21 UTC
From: r7y528@home.com
Topic: 833 Message: 838

Yes, most of the frequencies I looked at were in USB.

James Z.

--- In icomr75@y..., "Michael Moore" <m.moore@u...> wrote:
> --- In icomr75@y..., r7y528@h... wrote:
> > The IF Shift
> > control on the R8500 should have had the same effect, but
> > didn't.
>
> Was the R8500 in SSB mode? (The R8500 "shift" doesn't
work in AM
> mode.)
>
>
> > I'd like to say thanks to Ham Radio Outlet in Sunnyvale, CA.
They
> > set up the two radios and an antenna splitter and let me play
> > with the them for more than two hours.
>
> 3 cheers for HRO!
>
>
> --
> Michael Moore

839. RE: [icomr75] Re: Comparison between Icom R8500 and R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-09 17:15:29 UTC
From: Ashlock,William
Topic: 833 Message: 839

Mike,

Any comments from HRO on the their own comparison of these two receivers?

Bill A

> I'd like to say thanks to Ham Radio Outlet in Sunnyvale, CA. They
> set up the two radios and an antenna splitter and let me play
> with the them for more than two hours.

3 cheers for HRO!

--
Michael Moore

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the presence of known computer viruses by the MessageLabs Virus
Control Centre. However, it is still recommended that you use
local virus scanning software to monitor for the presence of viruses.
****

840. Re: Comparison between Icom R8500 and R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-09 17:43:48 UTC
From: Michael Moore
Topic: 833 Message: 840

--- In icomr75@y..., "Ashlock,William" <william.ashlock@e...> wrote:
> Mike,
>
> Any comments from HRO on the their own comparison of these two
receivers?
>
> Bill A

That question should go to r7y528, who wrote below:

> > I'd like to say thanks to Ham Radio Outlet in Sunnyvale, CA. They
> > set up the two radios and an antenna splitter and let me play
> > with the them for more than two hours.

M.

841. Re: Comparison between Icom R8500 and R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-10 06:26:46 UTC
From: r7y528@home.com
Topic: 833 Message: 841

I didn't ask HRO what they thought. I have my own interests in listening that could only be resolved by comparing the radios myself. Too often, when I've asked in other groups what people think of the two radios I get opinions that don't relate to my interests and therfore are of no use.

James
--- In icomr75@y..., "Michael Moore" <m.moore@u...> wrote:
> --- In icomr75@y..., "Ashlock,William" <william.ashlock@e...>
wrote:
> > Mike,
> >
> > Any comments from HRO on the their own comparison of
these two
> receivers?
> >
> > Bill A
>
> That question should go to r7y528, who wrote below:
>
>
> > > I'd like to say thanks to Ham Radio Outlet in Sunnyvale, CA.
They
> > > set up the two radios and an antenna splitter and let me
play
> > > with the them for more than two hours.
>
>
> M.

842. Preamp 2

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-11 17:18:07 UTC
From: Simone Meggiato
Topic: 842 Message: 842

Hi all,

I see that Preamp 2 is not well considered by some IC-R75 owners ("it adds noise only"; "it's designed to work on VHF bands"; etc.). As in my experience it's true that in many cases it is of no help in "pulling out those weak signals" - (c) Icom - but I found it very effective on LW band. Since a few days I'm testing LW reception with a discone antenna (I know it is not exactly the right antenna for LW but I like it because it is less noisy than my Dressler active antenna and than my short dipoles); on many weak (of course, with a discone...) signals, setting Preamp 1 improves the reception a little... but setting Preamp 2 the reception improvement is really dramatic. Preamp 2 seems to me even less noisy than Preamp 1 on LW.

Saluti,

Simone Meggiato
E-mail: argo16@...
ICQ: 10073514
HomePage: argo16.dyndns.org
Online dal 1991
---

843. Re: Preamp 2

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-12 05:08:10 UTC
From: singleshare@yahoo.com
Topic: 842 Message: 843

It's always nice to know you have an extra tool in the tool box, even if you rarely use it. Thanks for sharing Simone ;-)

--- In icomr75@y..., "Simone Meggiato" <smeggiato@y...> wrote:
> Hi all,
>
> I see that Preamp 2 is not well considered by some IC-R75 owners ("it adds
> noise only"; "it's designed to work on VHF bands"; etc.). As in my
> experience it's true that in many cases it is of no help in "pulling out
> those weak signals" - (c) Icom - but I found it very effective on LW band.
> Since a few days I'm testing LW reception with a discone antenna (I know it
> is not exactly the right antenna for LW but I like it because it is less
> noisy than my Dressler active antenna and than my short dipoles); on many
> weak (of course, with a discone...) signals, setting Preamp 1 improves the
> reception a little... but setting Preamp 2 the reception improvement is
> really dramatic. Preamp 2 seems to me even less noisy than Preamp 1 on LW.
>
>
> Saluti,
> ----------
> Simone Meggiato
> E-mail: argo16@t...
> ICQ: 10073514
> HomePage: argo16.dyndns.org
> Online dal 1991
> ----------

844. TEST

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-12 22:13:12 UTC
From: maritimus49@yahoo.com
Topic: 844 Message: 844

[Body unavailable in the source archive]

845. IC probe clips?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-13 20:15:55 UTC
From: maritimus49@yahoo.com
Topic: 845 Message: 845

Hello All -
I was looking over some of the older messages and saw a reference to IC probe clips that were used to temporarily connect wires for Rado's mod to the IC. Is this true and if so where can I obtain some of them? Thank you.

73,
Bruce K6RQR

846. Question about Rado's mod

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-13 21:14:02 UTC
From: maritimus49@yahoo.com
Topic: 846 Message: 846

Hello All -
One more thing - I have read the description of the attachment of a wire to pin 23 of the IC. From the way it is written it sounds like the pin can be lifted just by using the small bit screwdriver. Does this procedure also involve desoldering the pin at the same time? Just trying to make sure. Thanks.

73,
Bruce K6RQR

847. Re: [icomr75] IC probe clips?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-14 02:06:56 UTC
From: Simone Meggiato
Topic: 845 Message: 847

Hi,

> I was looking over some of the older messages and saw a reference to
> IC probe clips that were used to temporarily connect wires for Rado's

Uhm, I'm not sure that a low profile SO IC can be reliably "clipped"; anyway some years ago I bought a couple of clips for classic DIL package and if I remember well I bought them from RS, perhaps they have something that works for you.

>One more thing - I have read the description of the attachment of a
>wire to pin 23 of the IC. From the way it is written it sounds like
>the pin can be lifted just by using the small bit screwdriver. Does
>this procedure also involve desoldering the pin at the same time?

I lifted it up while heating it with a low power thin point soldering iron (I used an 11W one but every thin point <=30W soldering iron, as described in Rado's intructions should be ok). If you don't heat it while lifting the risk to break the pin at the IC side is surely higher.

Saluti,

Simone Meggiato
E-mail: argo16@...
ICQ: 10073514
HomePage: argo16.dyndns.org
Online dal 1991
---

848. Longwires, coax, baluns

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-15 13:53:52 UTC
From: wgessley@kcnet.com
Topic: 848 Message: 848

I've read the earlier post regarding the use of a 9:1 balun for using 50 ohm coax to connect a longwire to the R75. However, in my suburban location I am interested in a simple END-FED longwire which (correct me if I'm wrong) is unbalanced. I've read about 'un-un' baluns. Is this what I need? Isn't this just a transformer? Can anyone recommend a particular one to buy? I've also read that some, but not all, baluns can be used like an 'un-un' balun by grounding one of the connectors.

Thanks,
William

849. Re: [icomr75] Longwires, coax, baluns

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-15 19:07:43 UTC
From: Gert Nilsson
Topic: 848 Message: 849

I simple transformer with a 3:1 turns ratio will be fine, but a trifilar wound transformer will perhaps give a broader frequency coverage.
----- Original Message -----
From: wgessley@...
To: icomr75@yahoogroups.com
Sent: Thursday, November 15, 2001 1:53 PM
Subject: [icomr75] Longwires, coax, baluns

I've read the earlier post regarding the use of a 9:1 balun for using 50 ohm coax to connect a longwire to the R75. However, in my suburban location I am interested in a simple END-FED longwire which (correct me if I'm wrong) is unbalanced. I've read about 'un-un' baluns. Is this what I need? Isn't this just a transformer? Can anyone recommend a particular one to buy? I've also read that some, but not all, baluns can be used like an 'un-un' balun by grounding one of the connectors.

Thanks,
William

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[Non-text portions of this message have been removed]

850. Re: [icomr75] Longwires, coax, baluns

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-15 20:54:16 UTC
From: Dave
Topic: 848 Message: 850

I use one of these. A bit pricey but very solid and ready to go.

http://www.palomar-engineers.com/MLB-1/mlb-1.html

dr
----- Original Message -----
From: wgessley@...
To: icomr75@yahoogroups.com
Sent: Thursday, November 15, 2001 13:53
Subject: [icomr75] Longwires, coax, baluns

I've read the earlier post regarding the use of a 9:1 balun for using
50 ohm coax to connect a longwire to the R75. However, in my
suburban location I am interested in a simple END-FED longwire which
(correct me if I'm wrong) is unbalanced. I've read about 'un-un'
baluns. Is this what I need? Isn't this just a transformer? Can
anyone recommend a particular one to buy? I've also read that some,
but not all, baluns can be used like an 'un-un' balun by grounding
one of the connectors.

Thanks,
William

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851. Re: [icomr75] Longwires, coax, baluns

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-15 21:15:34 UTC
From: Bruce Jensen
Topic: 848 Message: 851

--- Dave <rickets@...> wrote:
> I use one of these. A bit pricey but very solid and
> ready to go.
>
> http://www.palomar-engineers.com/MLB-1/mlb-1.html

Dave, have you had a chance to compare with and
without? In other words, does this thing work and
make you a very happy boy??

Bruce Jensen

_____
Do You Yahoo!?
Find the one for you at Yahoo! Personals
http://personals.yahoo.com

852. Re: [icomr75] Longwires, coax, baluns

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-15 21:20:23 UTC
From: efricha@dimensional.com
Topic: 848 Message: 852

William,

What you are interested in is, indeed, an un-un. A plain ol'
matching transformer can also be used, but a real balun is a
very different animal.

You may want to contact Cable-X-Perts (www.cablexperts.com) for
an ICE 180A transformer. (ICE == Industrial Communications Engineers)

(They aren't listed in their online catalog. You can see a picture
of one of these at ICE's *old* web site:

http://personal.isla.net/ice/model_100a.htm

(Their new site seems to be down.)

You can read opinions on the commercial matching xformers, pro
and con, at:

http://www.hard-core-dx.com/nordicdx/antenna/feed/index.html

(Down near the bottom.)

Regards,

Eric

> I use one of these. A bit pricey but very solid and ready to go.
>
> http://www.palomar-engineers.com/MLB-1/mlb-1.html
>
> dr
> ----- Original Message -----
> From: wgessley@...
> To: icomr75@yahoogroups.com
> Sent: Thursday, November 15, 2001 13:53
> Subject: [icomr75] Longwires, coax, baluns
>
>
> I've read the earlier post regarding the use of a 9:1 balun for using
> 50 ohm coax to connect a longwire to the R75. However, in my
> suburban location I am interested in a simple END-FED longwire which
> (correct me if I'm wrong) is unbalanced. I've read about 'un-un'
> baluns. Is this what I need? Isn't this just a transformer? Can
> anyone recommend a particular one to buy? I've also read that some,
> but not all, baluns can be used like an 'un-un' balun by grounding
> one of the connectors.

>
>
> Thanks,
> William
>
>
>

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

853. Re: [icomr75] Longwires, coax, baluns

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-16 17:09:01 UTC
From: Dave
Topic: 848 Message: 853

Well, my radios are right next to my computers and I don't hear the computers at all. The feed point is over the garage and I have 2 ea 50' Radio Shack RG58 cables with a coupler in the middle running over the roof, through the attic, out the furnace door, and along a baseboard. Just like the discone scanner feedline. I wouldn't even consider running RF into the main room without using co-ax.

A random wire is high Z except when you're radio happens to be tuned to a resonant frequncy (hence the term "random"). Feeding high impedance RF into a low impedance pipe is always verboten; and not violating this basic rule makes me happy.

dr
----- Original Message -----
From: Bruce Jensen
To: icomr75@yahoogroups.com
Sent: Thursday, November 15, 2001 21:15
Subject: Re: [icomr75] Longwires, coax, baluns

--- Dave <rickets@...> wrote:
> I use one of these. A bit pricey but very solid and
> ready to go.
>
> http://www.palomar-engineers.com/MLB-1/mlb-1.html

Dave, have you had a chance to compare with and
without? In other words, does this thing work and
make you a very happy boy??

Bruce Jensen

_____
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[Non-text portions of this message have been removed]

854. Main Dial

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-16 23:33:08 UTC
From: Simone Meggiato
Topic: 854 Message: 854

Hi all,

the main dial of my IC-R75 is not perfectly coaxial to the encoder's shaft;
it is not a big problem but this disturbs my perfectionist nature ;-). So
I'd like to correct the problem.
Anyone of you knows the right way to pull out the main dial? Is there any
retention screw?

Thank you,
Saluti,

Simone Meggiato
E-mail: argo16@...
ICQ: 10073514
HomePage: argo16.dyndns.org
Online dal 1991
---

855. Re: [icomr75] Main Dial

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-16 23:35:28 UTC
From: John Schneider
Topic: 854 Message: 855

Simone,

While I was doing Rad's mod. I took a look at the dial. It is a "self contained" unit, and I could see no set screws. I think the only way you can get to it is to open up the receiver and remove the front circuit board.

Good luck,
John Schneider, KB2COP
thecop@...

----- Original Message -----
From: Simone Meggiato
To: icomr75@yahoogroups.com
Sent: Friday, November 16, 2001 6:33 PM
Subject: [icomr75] Main Dial

Hi all,

the main dial of my IC-R75 is not perfectly coaxial to the encoder's shaft;
it is not a big problem but this disturbs my perfectionist nature ;-). So
I'd like to correct the problem.
Anyone of you knows the right way to pull out the main dial? Is there any
retention screw?

Thank you,
Saluti,

Simone Meggiato
E-mail: argo16@...
ICQ: 10073514
HomePage: argo16.dyndns.org
Online dal 1991

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856. Re: [icomr75] Main Dial

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-17 00:16:20 UTC
From: Simone Meggiato
Topic: 854 Message: 856

John,

>While I was doing Rad's mod. I took a look at the dial. It is a "self contained" unit, and I could see no set >screws. I think the only way you can get to it is to open up the receiver and remove the front circuit >board.

Rado's mods are the main reason for which I wouldn't like to remove the metallic shield of the front circuit only to see how the dial is retained; the little pcb board I used to implement mods 2.0, with its thin cables that go to the fragile pins of the MC13022A, is nicely attached to the shield through a rugged adhesive pad ;-).

Thank you,
Saluti,

Simone Meggiato
E-mail: argo16@...
ICQ: 10073514
HomePage: argo16.dyndns.org
Online dal 1991
---

857. Re: [icomr75] Main Dial

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-17 01:59:05 UTC
From: John Schneider
Topic: 854 Message: 857

Simone,

I didn't realize your position.

Good luck with your endeavor.

John
----- Original Message -----
From: Simone Meggiato
To: icomr75@yahoogroups.com
Sent: Friday, November 16, 2001 7:16 PM
Subject: Re: [icomr75] Main Dial

John,

>While I was doing Rad's mod. I took a look at the dial. It is a "self
contained" unit, and I could see no set >screws. I think the only way you
can get to it is to open up the receiver and remove the front circuit
>board.

Rado's mods are the main reason for which I wouldn't like to remove the
metallic shield of the front circuit only to see how the dial is retained;
the little pcb board I used to implement mods 2.0, with its thin cables that
go to the fragile pins of the MC13022A, is nicely attached to the shield
through a rugged adhesive pad ;-).

Thank you,
Saluti,

Simone Meggiato
E-mail: argo16@...
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858. Re: [icomr75] Main Dial

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-17 06:26:56 UTC
From: Radostin Danev
Topic: 854 Message: 858

Hi Simone,

The knob on the dial is held only by friction (there is a flat spring). Removing the knob is done by simply pulling it (hard enough). Then you'll see the nut holding the encoder. I don't think however that there is an easy way to tilt the axis of the encoder. In my case the knob is not perfectly centered on the axis of the encoder so when turning the dial it wobbles a little. This is not bothering me at all.
When I was modifying my R75 the last time I disassembled the front unit completely. Also disassembled the main dial encoder and replaced the grease with special perfluorinated grease (lasts forever). Another thing I did was grounding of the case of the CPU clock x-tal. (call me perfectionist)

Best regards,

Rado

859. Tip: Washing the main dial rubber ring

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-17 06:31:30 UTC
From: Radostin Danev
Topic: 859 Message: 859

Here is a tip. If your main dial is not very clean remove the rubber ring (it is not glued) and wash it with water and soap. Leave it to dry and replace it.

860. Faulty R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-18 08:58:26 UTC
From: stephan.walther-larsen@akzonobelsalt.dk
Topic: 860 Message: 860

I have acquired a otherwise great R75..it still has 6 months of
warranty..i might need that now.

ca 1 hour into use..from powering up..it simply stops recieving.
nothing to do but to power it off and wait minimum 10 mins..

What gives ? anyone else experienced that ?

Thanks in advance

Regards

Stephan Walther-Larsen
Denmark

861. PBT problem

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-18 09:05:41 UTC
From: aunumero13@aol.com
Topic: 861 Message: 861

My "technical" english is not very fine... sorry if it's a bit broken.

Something strange happens when I'm using the PBT in REVERSE CW mode.
It's a bit hard to explain...

Assuming I'm listening to a stable and continuous CW signal (a LF
beacon carreer for example), the INNER twin PBT control works fine.
If I turn it from left to right (or right to left), it narrows the IF
passband as it should do. HOWEVER, I have noticed a whisteling when
both controls are at center position ; It disappears as soon as I
move one control (the frequency must be very "quiet" to notice that)

BUT, when listening to the same signal, using REVERSE CW, this inner
PBT control seems to work as an ATTENUATOR ; I mean the audio volume
decreases by half if I turn the control from left to right (as if I
was adjusting the volume knob).(I'll try to make a recording, it says
more than words.

Have you noticed the same ?

Using a SSG, I tried to adjust the PBT Volume (T.M, chapter 4-4 SET
MODE ADJUSTMENT > Connect an SSG to the antenna and set as F=
14151.5, level=50mV, Mod=OFF, both controls at center position)
Well, nothing changed. I can still hear the whisteling on "normal" CW
mode when both control are at 12 o'clock, and the inner control still
make the volume decrease by half when using REV CW mode.

Filter used : FL-101 250 Hz [9 MHz)
My unit is fitted the the optional DSP

How can I fix the problem ?

Sorry for my poor english...

Pat, south-east France.

862. Articles on maximizing receiver selectivity

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-19 10:51:52 UTC
From: r7y528@home.com
Topic: 862 Message: 862

There's a very interesting set of articles in the Feb and Mar '01 QST by Larry Scheff on how to maximize your receiver's effective selectivity.
The writer wrote about using the Kenwood TS-940S using Variable Bandwidth Tuning, and the Kenwood TS-440S using Passband Tuning.
He talks about noise levels, filters, AGC, Attenuation and other controls.
While very complex, I understand the articles tell how to get much better recption and should work with the likes of the Icom R75 and 8500.
I haven't tried it yet as I don't have my radio with me.
The articles are on Pg 42-48 of the Feb '01 QST and pg 44-47 of the March '01 QST.
Hope this is of use to the group.

James

863. FS: R75, Mint

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-19 20:14:37 UTC
From: maritimus49@yahoo.com
Topic: 863 Message: 863

Hello All -
Due to changed circumstances I will not be operating a receiver from my current location. I have recently purchased a mint (less than 2 hours use, 3 months old) R75 which is being shipped to me. It will arrive on Wednesday. I am offering it for sale for $435 plus shipping. It is unmodified and does not have the DSP option. Good, basic R75 to add your favorite goodies to. Of course, I will completely check it out before shipping it. Please let me know if you are interested.

73,
Bruce K6RQR

864. Re: [icomr75] Main Dial

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-19 23:44:38 UTC
From: Simone Meggiato
Topic: 854 Message: 864

Hi Rado,

> The knob on the dial is held only by friction (there is a flat spring).
> Removing the knob is done by simply pulling it (hard enough). Then you'll

Thank you, I removed the knob. The shaft of the encoder is perfectly coaxial
and straight as far as I can see but the way the knob is attached does not
allow a perfect alignement to the encoder shaft. I don't see any practical
way to correct this, so I've decided to keep it as is.

> way to tilt the axis of the encoder. In my case the knob is not perfectly
> centered on the axis of the encoder so when turning the dial it wobbles a
> little.

Exactly the same thing that happens here.

Saluti,

Simone Meggiato
E-mail: argo16@...
ICQ: 10073514
HomePage: argo16.dyndns.org
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---

865. BCB Dxing & portability

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-20 22:25:24 UTC
From: lew47oz@yahoo.com
Topic: 865 Message: 865

Greetings all from South Australia. Being a dedicated BCB Dxer, I would like to know of any other members who pack up the gear, and head off any time allowing, to hunt those elusive stations, be it X band or other. What do you use in the way of antennas, phasing units, preamps,or other auxillary gear. What mods have you done and do you use lead acid, gel cell, solar panels or what!! to power the gear. It will be great to share ideas.
Cheers Lew Chapman

866. Does the DSP Option really work?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-21 13:45:33 UTC
From: sam.dellit@bigpond.com
Topic: 866 Message: 866

g'day all

have been reading many of the posts to this group and have just joined

i do not yet own an R75 but i have an IC 746 transceiver which shares much of the receiver circuitry, also have an R71 which is the ancestor receiver.

i have ordered the 2.8kHz 2nd IF filter(9MHz) as well as the 2.8kHz 3rd IF filter (455kHz) for the 746 and will report on these once installed and in use.

my question is simply, are we being conned by icom on these DSP units? are they providing significant increased intelligibility over a well designed communications receiver, or is it just great marketing coupled with a cheap way of reducing excessively high broadband noise from the IF amplifier due to inferior 3rd IF filters?

comments appreciated

73s

867. Re: [icomr75] Does the DSP Option really work?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-21 14:37:31 UTC
From: Gert Nilsson
Topic: 866 Message: 867

The R75 dows not have very much broadband noise in the 3rd IF. The DSP is good as an ANF but I am not very impressed by the NR. I seldom use it!
----- Original Message -----
From: sam.dellit@...
To: icomr75@yahoogroups.com
Sent: Wednesday, November 21, 2001 1:45 PM
Subject: [icomr75] Does the DSP Option really work?

g'day all

have been reading many of the posts to this group and have just joined

i do not yet own an R75 but i have an IC 746 transceiver which shares much of the receiver circuitry, also have an R71 which is the ancestor receiver.

i have ordered the 2.8kHz 2nd IF filter(9MHz) as well as the 2.8kHz 3rd IF filter (455kHz) for the 746 and will report on these once installed and in use.

my question is simply, are we being conned by icom on these DSP units? are they providing significant increased intelligibility over a well designed communications receiver, or is it just great marketing coupled with a cheap way of reducing excessively high broadband noise from the IF amplifier due to inferior 3rd IF filters?

comments appreciated

73s

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868. Re: [icomr75] Does the DSP Option really work?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-21 16:29:39 UTC
From: Bruce Jensen
Topic: 866 Message: 868

--- Gert Nilsson <gert.nilsson@...>
wrote:
> The R75 dows not have very much broadband noise in
> the 3rd IF. The DSP is good as an ANF but I am not
> very impressed by the NR. I seldom use it!

Heh! Gert, you must live in a quiet rural place.
Here in the city/suburbs, I never shut mine off - the
noise would kill me if I did. Not only do I use it, I
find that it's adjustability comes in handy too. It's
not the be-all and end-all of noise reduction, but
with the high-noise environment in which I must
operate, it has an honored place in my NR arsenal.
The accompanying autonotch works pretty well, too.

Bruce Jensen

_____
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869. RG6 with HF

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-21 16:42:21 UTC
From: wgessley@kcnet.com
Topic: 869 Message: 869

I use RG6 (75ohm, foil shield) for all of my shack's lead-ins and terminate to f-connectors. I use f-connector adapters to convert to PL-259 or BNC as needed. This system is cheap (10 cents/foot at Home Depot), provides low db loss, and is flexible (I can easily swap cables between BNC scanners, PL259 HF receivers, home-brew crystal sets; I can use CATV switches, etc.).

Question: is this significantly reducing the performance of my R75/longwire setup? I am using an 'un-un' balun to match the coax to the longwire.

Thanks in advance.

William

870. Re: [icomr75] RG6 with HF

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-21 17:25:53 UTC
From: Dave
Topic: 869 Message: 870

Sounds good to me. As long as you're not transmitting, the mismatch is immaterial. A $15 "A, B, C" switch is very cool.

dr

----- Original Message -----
From: wgessley@...
To: icomr75@yahoogroups.com
Sent: Wednesday, November 21, 2001 16:42
Subject: [icomr75] RG6 with HF

I use RG6 (75ohm, foil shield) for all of my shack's lead-ins and terminate to f-connectors. I use f-connector adapters to convert to PL-259 or BNC as needed. This system is cheap (10 cents/foot at Home Depot), provides low db loss, and is flexible (I can easily swap cables between BNC scanners, PL259 HF receivers, home-brew crystal sets; I can use CATV switches, etc.).

Question: is this significantly reducing the performance of my R75/longwire setup? I am using an 'un-un' balun to match the coax to the longwire.

Thanks in advance.

William

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871. Re: [icomr75] Does the DSP Option really work?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-21 17:28:52 UTC
From: Dave
Topic: 866 Message: 871

I've yet to find a DSP that increases "intelligibility". My brain is still the best filter for that. The NR does make long term monitoring less fatiguing. I think where DSP NR really shines is in the digital modes e.g. WEFAX.

dr

----- Original Message -----
From: sam.dellit@...
To: icomr75@yahoogroups.com
Sent: Wednesday, November 21, 2001 13:45
Subject: [icomr75] Does the DSP Option really work?

g'day all

have been reading many of the posts to this group and have just joined

i do not yet own an R75 but i have an IC 746 transceiver which shares much of the receiver circuitry, also have an R71 which is the ancestor receiver.

i have ordered the 2.8kHz 2nd IF filter(9MHz) as well as the 2.8kHz 3rd IF filter (455kHz) for the 746 and will report on these once installed and in use.

my question is simply, are we being conned by icom on these DSP units? are they providing significant increased intelligibility over a well designed communications receiver, or is it just great marketing coupled with a cheap way of reducing excessively high broadband noise from the IF amplifier due to inferior 3rd IF filters?

comments appreciated

73s

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872. Re: [icomr75] Does the DSP Option really work?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-21 17:37:08 UTC
From: Mark Turner
Topic: 866 Message: 872

On Wed, 21 Nov 2001, Gert Nilsson wrote:
>
> The DSP is good as an ANF but I am not very impressed by the NR.

I was about to say the same myself so I echo your comments. Great for auto-notch, not wonderful for noise reduction.

Cheers,

Mark.

873. Re: [icomr75] Does the DSP Option really work?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-21 22:09:24 UTC
From: Simone Meggiato
Topic: 866 Message: 873

> The R75 dows not have very much broadband noise in the 3rd IF. The DSP is
> good as an ANF but I am not very impressed by the NR. I seldom use it!

On the contrary I find the NR very useful (if set between 1 and 5). The ANF
is also useful but it doesn't work with high frequency audio signals.

Saluti,

Simone Meggiato
E-mail: argo16@...
ICQ: 10073514
HomePage: argo16.dyndns.org
Online dal 1991
---

874. 450 KHz Ceramic Filters

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-21 22:32:41 UTC
From: Ian Johnson
Topic: 874 Message: 874

I have just had an email from Hy-Q International here in Australia in response to my query on the availability of 450KHz ceramic filters which can be used to upgrade receivers like the Icom R75 and the ATS909.

I was particularly interested in the equivalent of the muRata CFWS450I and CFWS450IT.

To my surprise, they can supply. And at rather less than US$40 (ahem). Previous queries resulted in "no-can-do" or "$2 each if you buy 500".

LTU450IT UNIT COST A$2.70 each (3 terminal. may be useful for some).
LTW33-450I or IT UNIT COST A$2.70 each (equiv CFWS450I & IT)
LEAD TIME FOR EITHER 4 - 5 weeks

Costs are in Australian $ and GST of 10% is added for Australian sales.

More info' see www.hy-q.com.au or email sales@...

73s

Ian Johnson

875. Re: [icomr75] Does the DSP Option really work?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-21 22:38:08 UTC
From: Bruce Jensen
Topic: 866 Message: 875

--- Simone Meggiato <smeggiato@...> wrote:
> > The R75 dows not have very much broadband noise in
> the 3rd IF. The DSP is
> > good as an ANF but I am not very impressed by the
> NR. I seldom use it!
>
> On the contrary I find the NR very useful (if set
> between 1 and 5). The ANF
> is also useful but it doesn't work with high
> frequency audio signals.

Yeah - I believe it's designed to notch out freqs that fall on the range of the SSB filter (2.4 kHz). Much above that level and it doesn't do much. One place where this really causes me trouble is on the 60 meter band between 5015 and 5035 MHz, where you have Solomon Islands, Radio Rebelde and that US-based religious broadcaster all within 10 kHz - those guys splatter all over each other and are difficult to separate even on SSB. I sure could use a 4 - 5 kHz notch there. Even the Passband doesn't take them out well.

Bruce Jensen

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http://geocities.yahoo.com/ps/info1

876. Re: Does the DSP Option really work?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-21 16:09:06 UTC
From: rsakabu@pwav.com
Topic: 866 Message: 876

--- In icomr75@y..., sam.dellit@b... wrote:
> g'day all
>
> have been reading many of the posts to this group and have just
joined
>
> i do not yet own an R75 but i have an IC 746 transceiver which
shares
> much of the receiver circuitry, also have an R71 which is the
> ancestor receiver.

Hello Sam,
I also have both an R-75 and a 746. I believe the R-75 uses an AF DSP while the 746 uses a DSP in the IF. An IF DSP is supposed to be better, but I haven't found that to be true with these 2 rigs. Both work great at ANF. While listening to SSB signals, if some idiot decides to tune up on frequency, or if some SWBC begins to broadcast a few kHz away, I just press the ANF and the heterodyne disappears. The Noise Reduction is a bit trickier. On the R-75, I use it in conjunction with the RF gain and volume control, but never turn it beyond about 1/3 full scale. On the 746, I rarely use it because it seems to be much worse at creating the "waterfall" sound effect. If you do a lot of ham listening, I think you'll want the DSP at least for the ANF, unless you already have an external DSP.

You'll be right at home with many of the controls of the R-75 as well as the button pushing style both radios. The twin PBT works just like the 746 (but no graphical representation of which side you're moving). A few other things I miss are no automatic sideband switching when tuning through the frequencies and no bandscope to easily search out transmissions.

From my experience, I think the R-75 is right up there with the receiver on the 746 and the front firing speaker is better than the top firing speaker of the 746. It's pretty weak for broadcast listening, but quite good for ham listening. If you want great sound (and the R-75 can produce great sound), get one of those $39 RCA speakers when they go on sale for $19 at Radio Shack. It also makes the 746 sound great.

Let us know what you think of the R-75 when you get it.

73
Roy
AD6ZU

877. Installed Rado's v2.0 AM-sync mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-23 08:07:38 UTC
From: jgedde@bestweb.net
Topic: 877 Message: 877

Hello all,

I just built and installed Rado's sync mods. First off, let me say that I did not use the 2SC458's he recommended. I used MPS6520s available at Radio Shack in packs of 15 as 276-1617.

After installing it, I found that the sync detector worked as it did with mod version 1.1 in SA sync mode, but it never detected lock in En mode. In other words, in En mode, the S in S-AM always flashed.

I made measurements of the circuit and found that there wasn't enough base current out of Q1's base to kill off the Icbo leakage and turn it off.

I got it all to work by changing Q1's 100k base resistor to 50k (simply by parallelling another 100k). Now it works fine and exactly as Rado describes.

I am not sure, though, what the 2.2k resistor on the collector of Q2 does. The SS line is only pulled high by a 47k resistor, so collector current should be small even without the 2.2k. I guess it makes a good safety factor if Q2 shorts, though, as it won't take out the whole 5v supply...

I feel that the circuit is a bit tempermental and relies too much on the beta of Q1. Since Beta can and does vary between identical transistors and varies with ambient conditions, Rado's circuit may be a bit marginal. My mod may have worked simply by changing Q1 out with another from the same pack!

I propose using an open-collector comparator (like the LM293, or LM339) to pull down the SS line. Since the input impedance of a comparator's (+) input is VERY high, even with hysteresis resistors, it won't load its input source.

I have uploaded my proposed circuit. I haven't built it yet, and may not have time to do so for a while. I also uploaded my design calculations for those who want to review them....

Regards,
John Gedde

878. Re: Installed Rado's v2.0 AM-sync mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-24 02:02:00 UTC
From: jgedde@bestweb.net
Topic: 877 Message: 878

I decided to build-up the circuit anyhow. I used an LM339 from Radio Shack rather than the LM393. I had to change a couple of resistor values to get it to work reliably. I had to decrease the amount of hysteresis, and raise the comparator setpoint.

It all seems to work fine. I uploaded a final schematic and will upload a photo when I get a chance.

Regards,
John Gedde

--- In icomr75@y..., jgedde@b... wrote:
> Hello all,
>
> I just built and installed Rado's sync mods. First off, let me say
> that I did not use the 2SC458's he recommended. I used MPS6520s
> available at Radio Shack in packs of 15 as 276-1617.
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> After installing it, I found that the sync detector worked as it
did
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>
> I made measurements of the circuit and found that there wasn't
enough
> base current out of Q1's base to kill off the Icbo leakage and turn
> it off.
>
> I got it all to work by changing Q1's 100k base resistor to 50k
> (simply by parallelling another 100k). Now it works fine and
exactly
> as Rado describes.
>
> I am not sure, though, what the 2.2k resistor on the collector of
Q2
> does. The SS line is only pulled high by a 47k resistor, so
> collector current should be small even without the 2.2k. I guess
it
> makes a good safety factor if Q2 shorts, though, as it won't take
out
> the whole 5v supply...
>
> I feel that the circuit is a bit tempermental and relies too much
on
> the beta of Q1. Since Beta can and does vary between identical
> transistors and varies with ambient conditions, Rado's circuit may

be
> a bit marginal. My mod may have worked simply by changing Q1 out
with
> another from the same pack!
>
> I propose using an open-collector comparator (like the LM293, or
> LM339) to pull down the SS line. Since the input impedance of a
> comparator's (+) input is VERY high, even with hysteresis
resistors,
> it won't load its input source.
>
> I have uploaded my proposed circuit. I haven't built it yet, and
may
> not have time to do so for a while. I also uploaded my design
> calculations for those who want to review them....
>
> Regards,
> John Gedde

879. New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-24 02:04:32 UTC
From: icomr75@yahoogroups.com
Topic: 242 Message: 879

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the icomr75
group.

File : /R75 mods/alternate S-AM mod.pdf
Uploaded by : jgedde@...
Description : Alternate v2.0 S-AM mod. See posts 877-878

You can access this file at the URL

http://groups.yahoo.com/group/icomr75/files/R75%20mods/alternate%20S-AM%20mod.pdf

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

jgedde@...

880. Re: [icomr75] Installed Rado's v2.0 AM-sync mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-24 02:49:10 UTC
From: Radostin Danev
Topic: 877 Message: 880

Hi John,

> I feel that the circuit is a bit tempermental and relies too much on
> the beta of Q1. Since Beta can and does vary between identical
> transistors and varies with ambient conditions, Rado's circuit may be
> a bit marginal. My mod may have worked simply by changing Q1 out with
> another from the same pack!

Yes, it is temperamental. I tried to keep it as simple as possible. I was also thinking of using a comparator but as it worked from the beginning with the transistors I did not bother to develop further.

> I have uploaded my proposed circuit.

Thank you for this! Finally I feel no longer alone at modifying R75. I think we should leave only your circuit as mod v2.0 as it is much more robust. I have two questions/comments:

1) R2 (4.7k) seems a little bit small value for positive bias on pin23. I found that anything below 10k will hold pin23 permanently high.

2) It will be more flexible if R4 is replaced with resistor + trimmer. Thus the user can adjust the threshold to his liking.

Best regards,

Rado

881. Re: [icomr75] Installed Rado's v2.0 AM-sync mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-24 03:15:03 UTC
From: Radostin Danev
Topic: 877 Message: 881

One more thing ... I think a safety resistor (like 2k) on the output of LM339 (pin1) won't hurt. Imagine a condition when pin15(SS out) is low and the output of the comparator is high. This will load the REF3V line a lot. Such condition is unlikely to occur during normal operation, but what about transient (power on/off)? Better to be safe.

Rado

[Non-text portions of this message have been removed]

882. Re: [icomr75] Installed Rado's v2.0 AM-sync mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-24 03:22:26 UTC
From: Radostin Danev
Topic: 877 Message: 882

> One more thing ... I think a safety resistor (like 2k) on the output of LM339 (pin1) won't hurt. Imagine a condition
> when pin15(SS out) is low and the output of the comparator is high. This will load the REF3V line a lot. Such
> condition is unlikely to occur during normal operation, but what about transient (power on/off)? Better to be safe.

Ooops ... just checked the LM339 datasheet - it is open collector output. Ignore the above comment.

Rado

883. Re: Installed Rado's v2.0 AM-sync mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-24 19:04:16 UTC
From: jgedde@bestweb.net
Topic: 877 Message: 883

Rado,

Oops, you're right! I didn't mean for R2 to be 4.7k. The 22k value
you came up with works fine. I have changed this and uploaded a new
value.

As far as your R4 trimmer + resistor idea, I think it's a good one.
Not only does it allow for user preference, but it takes into account
the effect the tolerance, ESR and leakage of C1 has on the DC voltage
at the comparator. I have added this suggestion too.

Regards,
John

--- In icomr75@y..., "Radostin Danev" <rado@n...> wrote:
> Hi John,
>
> > I feel that the circuit is a bit tempermental and relies too much
on
> > the beta of Q1. Since Beta can and does vary between identical
> > transistors and varies with ambient conditions, Rado's circuit
may be
> > a bit marginal. My mod may have worked simply by changing Q1 out
with
> > another from the same pack!
>
> Yes, it is temperamental. I tried to keep it as simple as possible.
I was
> also thinking of using a comparator but as it worked from the
beginning with
> the transistors I did not bother to develop further.
>
> > I have uploaded my proposed circuit.
>
> Thank you for this! Finally I feel no longer alone at modifying
R75. I think
> we should leave only your circuit as mod v2.0 as it is much more
robust. I
> have two questions/comments:
>
> 1) R2 (4.7k) seems a little bit small value for positive bias on
pin23. I
> found that anything below 10k will hold pin23 permanently high.
>
> 2) It will be more flexible if R4 is replaced with resistor +
trimmer. Thus

> the user can adjust the threshold to his liking.
>
> Best regards,
>
> Rado

884. New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-24 19:05:23 UTC
From: icomr75@yahoogroups.com
Topic: 242 Message: 884

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the icomr75
group.

File : /R75 mods/S-AM mod v2.1.pdf
Uploaded by : jgedde@...
Description : S-Am mod v2.1, see posts 877-884

You can access this file at the URL

http://groups.yahoo.com/group/icomr75/files/R75%20mods/S-AM%20mod%20v2.1.pdf

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

jgedde@...

885. Re: Installed Rado's v2.0 AM-sync mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-24 19:07:54 UTC
From: jgedde@bestweb.net
Topic: 877 Message: 885

Rado,

Here I must disagree. The output of U1 (LM339) is open collector, so it doesn't actually go high unless something pulls it there. Furthermore, it limits the swing on the output pin of U1 and changes the designed hysteresis (see calculations).

Regards,
John

--- In icomr75@y..., "Radostin Danev" <rado@n...> wrote:
> One more thing ... I think a safety resistor (like 2k) on the output of LM339 (pin1) won't hurt. Imagine a condition when pin15(SS out) is low and the output of the comparator is high. This will load the REF3V line a lot. Such condition is unlikely to occur during normal operation, but what about transient (power on/off)? Better to be safe.
>
> Rado
>
>
> [Non-text portions of this message have been removed]

886. Re: Installed Rado's v2.0 AM-sync mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-24 19:08:57 UTC
From: jgedde@bestweb.net
Topic: 877 Message: 886

Oops again! Didn't read your next post after you read the LM339
datasheet.

Regards,
John

--- In icomr75@y..., jgedde@b... wrote:
> Rado,
>
> Here I must disagree. The output of U1 (LM339) is open collector,
so
> it doesn't actually go high unless something pulls it there.
> Furthermore, it limits the swing on the output pin of U1 and
changes
> the designed hysteresis (see calculations).
>
> Regards,
> John
>
> --- In icomr75@y..., "Radostin Danev" <rado@n...> wrote:
> > One more thing ... I think a safety resistor (like 2k) on the
> output of LM339 (pin1) won't hurt. Imagine a condition when pin15
(SS
> out) is low and the output of the comparator is high. This will
load
> the REF3V line a lot. Such condition is unlikely to occur during
> normal operation, but what about transient (power on/off)? Better
to
> be safe.
> >
> > Rado
> >
> >
> > [Non-text portions of this message have been removed]

887. New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-24 19:29:56 UTC
From: icomr75@yahoogroups.com
Topic: 242 Message: 887

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the icomr75
group.

File : /Photos/mod v21.JPG
Uploaded by : jgedde@...
Description : S-Am mod v2.1, see posts 877-884

You can access this file at the URL

http://groups.yahoo.com/group/icomr75/files/Photos/mod%20v21.JPG

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

jgedde@...

888. Re: New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-24 19:32:20 UTC
From: jgedde@bestweb.net
Topic: 242 Message: 888

This is a picture of the LM339 S-Am mod installed in my R75. The two
black circles on the PCB are leftover RTV adhesive used to hold the
capacitors from mod v1.1. The caps are now on the small vectorboard.

All of the parts I used are available from Radio Shack, including the
IC and the vectorboard.

Regards,
John

--- In icomr75@y..., <icomr75@y...> wrote:
>
> Hello,
>
> This email message is a notification to let you know that
> a file has been uploaded to the Files area of the icomr75
> group.
>
> File : /Photos/mod v21.JPG
> Uploaded by : jgedde@b...
> Description : S-Am mod v2.1, see posts 877-884
>
> You can access this file at the URL
>
> http://groups.yahoo.com/group/icomr75/files/Photos/mod%20v21.JPG
>
> To learn more about file sharing for your group, please visit
>
> http://help.yahoo.com/help/us/groups/files
>
> Regards,
>
> jgedde@b...

889. R75 pic & Kaz

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-27 07:46:33 UTC
From: lew47oz@yahoo.com
Topic: 889 Message: 889

Greetings all I have posted a pic of my R75 during DXpedition at prime South OZ site . Also a couple of Kaz antenna & transformer pics (is this allowed)
Cheers Lew

890. R75 Twin PBTs question

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-28 00:18:45 UTC
From: bpnjensen@yahoo.com
Topic: 890 Message: 890

Hi, all - I have never owned a radio with a passband shift control before, let alone two of them, and so I have assumed that the way these things operate on the R75 is the correct way. But let me say this, and ask you a question...

When I adjust either one on SSB, the signal obviously is changed. Both work effectively to alter the tone, but (it seems to me) less effectively to remove offending adjacent channel signals before making the desired signal unintelligible. Sometimes it works, but it is not as common as I would have originally thought. As a matter of reference, the point at which the signal loses most intelligibility is about one half way between dead center and full right or left (true on either inner or outer PBT, whether adjusting up or down). This depends STRONGLY on the relative strength of the desired signal. And sometimes, the offending adjacent junk is still there after turning the knob. I never thought a modest removal of tones woudl be so damaging to the main signal.

So the question - is this the way it is supposed to be? Is the PBT really only good on POWerful signals? Or do I have a malfunction (either radio or operator?)

thanks,
Bruce Jensen

891. Re: [icomr75] R75 Twin PBTs question

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-28 05:00:58 UTC
From: rattenhuber
Topic: 890 Message: 891

What filters do you have installed?
----- Original Message -----
From: <bpnjensen@...>
To: <icomr75@yahoogroups.com>
Sent: Tuesday, November 27, 2001 4:18 PM
Subject: [icomr75] R75 Twin PBTs question

> Hi, all - I have never owned a radio with a passband shift control
> before, let alone two of them, and so I have assumed that the way
> these things operate on the R75 is the correct way. But let me say
> this, and ask you a question...
>
> When I adjust either one on SSB, the signal obviously is changed.
> Both work effectively to alter the tone, but (it seems to me) less
> effectively to remove offending adjacent channel signals before
> making the desired signal unintelligible. Sometimes it works, but it
> is not as common as I would have originally thought. As a matter of
> reference, the point at which the signal loses most intelligibility
> is about one half way between dead center and full right or left
> (true on either inner or outer PBT, whether adjusting up or down).
> This depends STRONGLY on the relative strength of the desired
> signal. And sometimes, the offending adjacent junk is still there
> after turning the knob. I never thought a modest removal of tones
> woudl be so damaging to the main signal.
>
> So the question - is this the way it is supposed to be? Is the PBT
> really only good on POWerful signals? Or do I have a malfunction
> (either radio or operator?)
>
> thanks,
> Bruce Jensen
>
>
>
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> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

892. Re: [icomr75] R75 Twin PBTs question

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-28 16:11:53 UTC
From: Bruce Jensen
Topic: 890 Message: 892

--- rattenhuber <rattenhuber@...> wrote:
> What filters do you have installed?

Just the stock filters - 2.4 kHz SSB. BTW, I noticed
for some unfathomable reason that it works better on
amateur voice transmission (and amateur transmission
in general) than on ECSS reception of AM Broadcasts.

Bruce Jensen
****

> ----- Original Message -----
> From: <bpnjensen@...>
> To: <icomr75@yahoogroups.com>
> Sent: Tuesday, November 27, 2001 4:18 PM
> Subject: [icomr75] R75 Twin PBTs question
>
>
> > Hi, all - I have never owned a radio with a
> passband shift control
> > before, let alone two of them, and so I have
> assumed that the way
> > these things operate on the R75 is the correct
> way. But let me say
> > this, and ask you a question...
> >
> > When I adjust either one on SSB, the signal
> obviously is changed.
> > Both work effectively to alter the tone, but (it
> seems to me) less
> > effectively to remove offending adjacent channel
> signals before
> > making the desired signal unintelligible.
> Sometimes it works, but it
> > is not as common as I would have originally
> thought. As a matter of
> > reference, the point at which the signal loses
> most intelligibility
> > is about one half way between dead center and full
> right or left
> > (true on either inner or outer PBT, whether
> adjusting up or down).
> > This depends STRONGLY on the relative strength of
> the desired
> > signal. And sometimes, the offending adjacent
> junk is still there

> > after turning the knob. I never thought a modest
> removal of tones
> > woudl be so damaging to the main signal.
> >
> > So the question - is this the way it is supposed
> to be? Is the PBT
> > really only good on POWerful signals? Or do I
> have a malfunction
> > (either radio or operator?)
> >
> > thanks,
> > Bruce Jensen
> >
> >
> >
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> >
> >
> > Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
> >
> >
> >
>
>

=====
Bruce Jensen, associate of:
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
American Coaster Enthusiasts http://www.aceonline.org/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

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http://geocities.yahoo.com/ps/info1

893. Re: [icomr75] R75 Twin PBTs question

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-28 20:54:19 UTC
From: rattenhuber
Topic: 890 Message: 893

----- Original Message -----
From: "Bruce Jensen" <bpnjensen@...>
To: <icomr75@yahoogroups.com>
Sent: Wednesday, November 28, 2001 8:11 AM
Subject: Re: [icomr75] R75 Twin PBTs question

> --- rattenhuber <rattenhuber@...> wrote:
> > What filters do you have installed?
>
> Just the stock filters - 2.4 kHz SSB. BTW, I noticed
> for some unfathomable reason that it works better on
> amateur voice transmission (and amateur transmission
> in general) than on ECSS reception of AM Broadcasts.
>
> Bruce Jensen
> ***********
>I have the 2.8kHz/(FL 103)3.3kHz(FL 257) filters and the high stability
crystal. When in ECSS I sometimes forget that it isn't regular AM. I used to
have the R-71, and noted(and heard from others) that the audio was designed
for SSB/Utility more than AM.<bpnjensen@...>
> > To: <icomr75@yahoogroups.com>
> > Sent: Tuesday, November 27, 2001 4:18 PM
> > Subject: [icomr75] R75 Twin PBTs question
> >
> >
> > > Hi, all - I have never owned a radio with a
> > passband shift control
> > > > before, let alone two of them, and so I have
> > assumed that the way
> > > > these things operate on the R75 is the correct
> > way. But let me say
> > > > this, and ask you a question...
> > > >
> > > > When I adjust either one on SSB, the signal
> > obviously is changed.
> > > > Both work effectively to alter the tone, but (it
> > seems to me) less
> > > > effectively to remove offending adjacent channel
> > signals before
> > > > making the desired signal unintelligible.
> > Sometimes it works, but it
> > > > is not as common as I would have originally
> > thought. As a matter of
> > > > reference, the point at which the signal loses
> > most intelligibility

> > > is about one half way between dead center and full
> > right or left
> > > (true on either inner or outer PBT, whether
> > adjusting up or down).
> > > This depends STRONGLY on the relative strength of
> > the desired
> > > signal. And sometimes, the offending adjacent
> > junk is still there
> > > after turning the knob. I never thought a modest
> > removal of tones
> > > woudl be so damaging to the main signal.
> > >
> > > So the question - is this the way it is supposed
> > to be? Is the PBT
> > > really only good on POWerful signals? Or do I
> > have a malfunction
> > > (either radio or operator?)
> > >
> > > thanks,
> > > Bruce Jensen
> > >
> > >
> > >
> > > To unsubscribe from this group, send an email to:
> > > icomr75-unsubscribe@egroups.com
> > >
> > >
> > >
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> > http://docs.yahoo.com/info/terms/
> > >
> > >
> > >
> > >
> > >
>
> =====
> Bruce Jensen, associate of:
> The Astronomy Connection http://observers.org/
> Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
> American Coaster Enthusiasts http://www.aceonline.org/
> ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio
>
> ---
> Do You Yahoo!?
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>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

894. RadioCom Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-05 03:17:36 UTC
From: blair@hart-photography.com
Topic: 894 Message: 894

Anyone use RadioCom Softare for controlling an R75?

Or, more similar to what I'm trying to do--control both an R75 and an R7000?

Thanks,

blair

895. response

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-05 18:23:16 UTC
From: phil phil
Topic: 895 Message: 895

responding!

_____
Do You Yahoo!?
Buy the perfect holiday gifts at Yahoo! Shopping.
http://shopping.yahoo.com

896. Have just done mods 2.1

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-07 23:52:51 UTC
From: Simone Meggiato
Topic: 896 Message: 896

Hi all,

for who is interested, I've just done mod 2.1 and it works fine; whines during tuning, after proper setting of the trimmer, are even more short, compared to 2.0. I used a LM339J (by TI), I looked for a smaller dual comparator IC but my electronics' reseller had already finished his supplyes.

Saluti,

Simone Meggiato
E-mail: argo16@...
ICQ: 10073514
HomePage: argo16.dyndns.org
Online dal 1991
---

897. Optional Filter Advice Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-08 15:38:02 UTC
From: just_rtfm
Topic: 897 Message: 897

hello!

for ECSS broadcast listening are the 2.8 kHz or 3.3 kHz filters very useful? has anyone measured the actual values for ICOM's filters? which of the two is recommended? and why? can a difference be readily heard over the stock 2.4 kHz? are they used as a primary or 'special cirucumstance' filter? i have read what i could find on the subject. bottom line: i am unsure if its worth purchasing one of these filters. in my mind the 3.3 kHz seems too wide and the 2.8 kHz seems very close to stock, although 400 Hz more audio range is pretty significant. please share your thoughts especially if you have owned either or both of these optional filters.

much thanks,
phil

898. Re: [icomr75] Optional Filter Advice Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-08 16:11:59 UTC
From: Gert Nilsson
Topic: 897 Message: 898

First let me tell you that I always listen with the widest possible filters. I also tune all AM stations in the ECSS mode. I have the 9 MHz 2,8 kHz and the 3,3 kHz 455 kHz filter. In the normal position I used the 3,3 kHz following the 2,8 kHz filter. A very nice combination. I almost never used the 3,3 kHz which I had alone in the wide position. It is a very good filter, much better than the 9 MHz filters. On the Icom Europe webpage you can find the graphs for the 9 MHz filters. The 2,8 measures 2,9 and 5 kHz at the 6 and 60 db I think. Nowadays the old FL44 from my R71 has replaced the 3,3 kHz filter.

I think there is a big difference between the 2,4 kHz filter and 2,8 kHz. These 400 Hz make a big difference in AM ECSS. For SSB in the amateur bands the 2,4 may be better.

[Non-text portions of this message have been removed]

899. Re: Optional Filter Advice Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-08 17:12:52 UTC
From: just_rtfm
Topic: 897 Message: 899

Gert,

thank you for your comments, they confirmed my hesitation to get the 3.3 kHz as i usually switch to ECSS in an attempt to wipe out adjacent interference. i would probably stay in this mode if the stock filters did not cut the audio fidelity so much. what do you think about the combination of 15 kHz (9 MHz IF) and 2.8 kHz (455 kHz IF)? the 2.8 kHz in the 9 MHz IF is cheaper, does it matter which IF it sits in? if you have time could you give me your opinion on the sound difference between 2.4 kHz - 2.4 kHz (stock) versus 2.8 kHz - 15.0 kHz in your R75 using ECSS?

thanks again,
phil

900. Re: [icomr75] Re: Optional Filter Advice Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-08 21:01:12 UTC
From: Gert Nilsson
Topic: 897 Message: 900

The earlier in the signal bath you have the selectivity the better .... but..... the 455 kHz filters from ICOM are much better than the 9 MHz filter.

I have friends using 2,8 kHz filters in both IFs. They think it is fabulous! The effective bandwidth is maximum 2,6 kHz at -6 dB.

The original 2,4 + 2,4 is effectively just around 2,15 kHz wide and I think it is too narrow. With optional filters you have more combinations!

[Non-text portions of this message have been removed]

901. Re: [icomr75] Re: Optional Filter Advice Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-08 22:07:15 UTC
From: Marv
Topic: 897 Message: 901

Hello Phil,
A <real> email address for Phil? :-))

Question: you keep talking about the ecss mode. I take this to mean that you tune in ssb until you have a good signal, then go to AM?

I'm sure glad you are asking all of these questions! If (when?) you ever buy a filter, I'm following your lead for BC Band stuff!

Marv mailto:bizjetmech@...

902. Re: Optional Filter Advice Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-08 23:10:39 UTC
From: just_rtfm
Topic: 897 Message: 902

Marv,

how goes it? yes i am still looking into filters... Gert has given some good advice... probably will go with the 2.8 kHz in 2nd IF... the 1.9 kHz you have in the 1st IF sounds like a pretty nice one for amateur bands... i might have to get that down the road too.

ECSS (exalted carrier SSB reception) is simply the reception of AM signals as if they were SSB. 'normal' AM is made of two sidebands and a carrier. typically i tune the radio using AM mode (15.0-6.0 filters)... when there is interference on one side you just hit SSB and use USB or LSB, whichever is away from the interference. if the voice sounds like donald duck you have to tune using the 1-999 Hz segment to correct it. my R-75 seems 'right on' so i rarely have to fool with it... it also does not seem to drift much. one thing nice about tuning in a USB (or LSB) is that it's so narrow you're either on-carrier or not... unlike the 6.0 kHz filter where you can sometimes tune three places and still hear the station. btw, synchronous detection is essentially 'automatic' ECSSB reception.

i have been using earbuds (will eventually get that ACS340 altec lansing speaker set) with ECSS and the sound is excellent. the small (and well protected) speaker on the unit does not do the receiver justice... get some cheap earbuds ($15) and check it out. one word of caution though: turn the volume down while tuning, hitting a hot station can be LOUD!

phil

903. FL-102 Filter Usage - Help Needed

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-14 20:35:38 UTC
From: just_rtfm
Topic: 903 Message: 903

hello group!

ICOM sells a filter for the 9 MHz IF that is 6 kHz wide designated the FL-102... apparently for use in their IC-775DSP receiver. is it possible to use this filter in my ICOM R-75? will it just plug-in? my thinking is that it could replace useage of the 15.0 kHz wide filter in the filter combinations and allow PBT narrowing on 'AM'. my idea is to use this filter with with optional 2.8 kHz filter in 455 kHz IF as follows:

AM norm 6.0 - 6.0 <--- PBT ~4.7 to 6.0 kHz
AM narr 6.0 - 2.8

SSB wide 6.0 - 2.8
SSB norm 6.0 - 2.4
SSB narr 2.4 - 2.4 <--- PBT ~1.1 to 2.2 kHz

any input is welcome! thank you,
phil

904. Re: [icomr75] FL-102 Filter Usage - Help Needed

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-15 06:58:55 UTC
From: Gert Nilsson
Topic: 903 Message: 904

I was recommended this filter by the Swedish ICOM Supplier. It is a direct drop in. I think your filter settings will be fine.
----- Original Message -----
From: just_rtfm
To: icomr75@yahoogroups.com
Sent: Friday, December 14, 2001 8:35 PM
Subject: [icomr75] FL-102 Filter Usage - Help Needed

hello group!

ICOM sells a filter for the 9 MHz IF that is 6 kHz wide designated the FL-102... apparently for use in their IC-775DSP receiver. is it possible to use this filter in my ICOM R-75? will it just plug-in? my thinking is that it could replace useage of the 15.0 kHz wide filter in the filter combinations and allow PBT narrowing on 'AM'. my idea is to use this filter with with optional 2.8 kHz filter in 455 kHz IF as follows:

AM norm 6.0 - 6.0 <--- PBT ~4.7 to 6.0 kHz
AM narr 6.0 - 2.8

SSB wide 6.0 - 2.8
SSB norm 6.0 - 2.4
SSB narr 2.4 - 2.4 <--- PBT ~1.1 to 2.2 kHz

any input is welcome! thank you,
phil

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[Non-text portions of this message have been removed]

905. Re: FL-102 Filter Usage - Help Needed

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-15 14:44:20 UTC
From: just_rtfm
Topic: 903 Message: 905

Gert:

again i want to thank you for your input. my thinking with this whole FL-102 (6 kHz @ 9 MHz IF) drop-in filter is that i could use it in place of the 15.0 kHz to narrow down the AM bandwidths.

using AM with 6.0-6.0 filters and utilizing the twin-PBT will allow ~4.7 to ~6.0 kHz. this is 'equivalent' to two sided SSB of ~2.35 to ~3.00 kHz on SSB. this is pretty significant narrowing and not a bad deal for one $90 filter. if this still doesn't knock out interference then the twin 2.4 kHz on SSB is there.

i am unsure how i would 'tell' the ICOM via menu that i am using the FL-102. its too bad i don't know an ICOM dealer willing to let me pop all these filters in and record the audio to mp3 for everyone to hear.

my other option remains using dual 2.8 kHz filters... you suggested this setup for ECSS use and i feel it was very good advice. your comments have been much appreciated.

phil

906. Re: [icomr75] FL-102 Filter Usage - Help Needed

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-15 17:12:45 UTC
From: Alan Johnson
Topic: 903 Message: 906

Hello:

The FL-102 is a direct dropin for the 9Mhz filter slot. I selected the 9 MHZ 0.5 selection in the filter setup menu as this gives an IF frequency that is closest to the filter's center frequency. There is a slightly noticeable improvement in selectivity with the 6 vs. 15 khz filter in the 9 Mhz and with the 6 in 455 khz, but no noticeable difference in the PBT. I haven't tried using the 2.4 filter in the 455 khz, as I use the FL-257 for narrow AM.

73,
Alan Johnson
----- Original Message -----
From: just_rtfm
To: icomr75@yahoogroups.com
Sent: Friday, December 14, 2001 12:35 PM
Subject: [icomr75] FL-102 Filter Usage - Help Needed

hello group!

ICOM sells a filter for the 9 MHz IF that is 6 kHz wide designated
the FL-102... apparently for use in their IC-775DSP receiver. is it
possible to use this filter in my ICOM R-75? will it just plug-in? my
thinking is that it could replace useage of the 15.0 kHz wide filter
in the filter combinations and allow PBT narrowing on 'AM'. my idea
is to use this filter with with optional 2.8 kHz filter in 455 kHz IF
as follows:

AM norm 6.0 - 6.0 <--- PBT ~4.7 to 6.0 kHz
AM narr 6.0 - 2.8

SSB wide 6.0 - 2.8
SSB norm 6.0 - 2.4
SSB narr 2.4 - 2.4 <--- PBT ~1.1 to 2.2 kHz

any input is welcome! thank you,
phil

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907. Re: [icomr75] Re: FL-102 Filter Usage - Help Needed

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-15 20:57:17 UTC
From: Gert Nilsson
Topic: 903 Message: 907

The 15 kHz filter used is in front of the normal 9 MHz filters. When you chose 9 MHz 15 kHz this means the 9 MHz filter bank is bypassed. The FL102 will be used in series with the 15 kHz filter. This filter is a 2 pole x-tal filter 12 kHz at -3dB I think. Icom sells both 6 and 8 kHz filters directly interchangeble. I use a 6 kHz filter in my R75.

[Non-text portions of this message have been removed]

908. replacement narrow crystal filter for 60MHz first IF

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-16 11:59:51 UTC
From: sam_dellit_vk4zss
Topic: 908 Message: 908

some years ago a friend of mine modified several icom r71a receivers by removing the very wide 2 pole monolithic crystal filter for the first IF and replacing with 2 discrete crystals custom ground by HyQ in melbourne with a designed passband of about 6kHz. the mod was very successful and greatly reduced the close in dynamic range problems.

the r75 ist IF filter is just as broad as the r71 so i was wondering whether anyone had attempted the same mod on the r75 or whether kits were available to do this for the r75

909. Re: replacement narrow crystal filter for 60MHz first IF

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-17 22:41:01 UTC
From: just_rtfm
Topic: 908 Message: 909

i am no RF expert but i will attempt to answer your question: your idea will work if you change say the 15 kHz filters to something lower in the IF chain. this will however hurt FM which for many of us is not a big deal. the 60 MHz filter you spoke of is low pass filter meant to keep out anything above 60 MHz such the rest of the UHF/VHF 'noise'. if you change this particular filter to something lower than 30 MHz you won't be able to receive some of the shortwave (HF) spectrum. your idea sounds tempting if you change those 15 kHz filters to something like 4 kHz and only use ECSS tuning... anyone here know if that'll work?

phil

910. Re: [icomr75] Re: replacement narrow crystal filter for 60MHz first IF

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-18 06:41:38 UTC
From: Gert Nilsson
Topic: 908 Message: 910

The 69 MHz filter follows the first mixer. This is not a low pass filter. It is a 15 kHz wide bandpass x-tal filter. Then follows the second mixer and a 15 kHz 2-pole x-tal filter in the 9 MHz filter in front of the noise blanker. This filter is in use in all modes. Icom have 6 and 8 kHz versions of this filter, used in some transceivers. I have a 6 kHz filter in my R75. I never use FM!
----- Original Message -----
From: just_rtfm
To: icomr75@yahoogroups.com
Sent: Monday, December 17, 2001 10:41 PM
Subject: [icomr75] Re: replacement narrow crystal filter for 60MHz first IF

i am no RF expert but i will attempt to answer your question: your
idea will work if you change say the 15 kHz filters to something
lower in the IF chain. this will however hurt FM which for many of us
is not a big deal. the 60 MHz filter you spoke of is low pass filter
meant to keep out anything above 60 MHz such the rest of the
UHF/VHF 'noise'. if you change this particular filter to something
lower than 30 MHz you won't be able to receive some of the shortwave
(HF) spectrum. your idea sounds tempting if you change those 15 kHz
filters to something like 4 kHz and only use ECSS tuning... anyone
here know if that'll work?

phil

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[Non-text portions of this message have been removed]

911. Re: replacement narrow crystal filter for 60MHz first IF

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-19 00:16:46 UTC
From: just_rtfm
Topic: 908 Message: 911

Gert:

thanks for the information... is there not a 60 MHz low pass filter right after the antenna? and another before the first mixer? i got confused as to which of the others you replaced. has anyone to your knowledge replaced both 15 kHz's with 4 kHz filters for ECSS-use only type of deal? would it work?

phil

912. Filter-Related Favor to Ask

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-19 00:21:20 UTC
From: just_rtfm
Topic: 912 Message: 912

if i capture a JPEG of the pdf file picture of the R75's guts is anyone willing to label where all the filters are? the ones i am interested in are the first two 15 kHz ones plus the 1st IF 2.4 kHz and 2nd IF 2.4 kHz, 6.0 kHz, and 15 kHz.

thanks,
phil

913. Re: [icomr75] Re: replacement narrow crystal filter for 60MHz first IF

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-19 06:10:05 UTC
From: Gert Nilsson
Topic: 908 Message: 913

There are 60 MHz filters at the antenna input, but these filters have nothing to do with selectivity. Their main object is filter out stations at the image frequency!
----- Original Message -----
From: just_rtfm
To: icomr75@yahoogroups.com
Sent: Wednesday, December 19, 2001 12:16 AM
Subject: [icomr75] Re: replacement narrow crystal filter for 60MHz first IF

Gert:

thanks for the information... is there not a 60 MHz low pass filter
right after the antenna? and another before the first mixer? i got
confused as to which of the others you replaced. has anyone to your
knowledge replaced both 15 kHz's with 4 kHz filters for ECSS-use only
type of deal? would it work?

phil

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[Non-text portions of this message have been removed]

914. DSP "Mail-in Rebate"...

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-23 03:26:23 UTC
From: w1js
Topic: 914 Message: 914

Does anybody have any specifics about the "free" UT-106 DSP option
"rebate" from Icom? Like what are the dates involved in-between which
you must buy the receiver to receive the "rebate"? I have been
trying
to access the Icom America site lately, but with no success.

Thanks in advance for any information.

Jack

915. Re: [icomr75] DSP "Mail-in Rebate"...

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-23 12:20:35 UTC
From: Science Software
Topic: 914 Message: 915

Hi Jack:

I just purchased an R75 from AES in Milwaukee. They gave me a rebate coupon for the UT-106 that was valid from November 2001 until 3/31/02. They also said it takes about 3-4 weeks to get the UT-106 once the coupon and sales receipt are mailed to ICOM.

David

w1js wrote:

> Does anybody have any specifics about the "free" UT-106 DSP option
> "rebate" from Icom? Like what are the dates involved in-between which
>
> you must buy the receiver to receive the "rebate"? I have been
> trying
> to access the Icom America site lately, but with no success.
>
> Thanks in advance for any information.
>
> Jack
>
>
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916. Re: [icomr75] DSP "Mail-in Rebate"...

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-23 12:23:43 UTC
From: rattenhuber
Topic: 914 Message: 916

Go to the Universal radio web site. The offer is good until 3/31/2002
---- Original Message -----
From: w1js
To: icomr75@yahoogroups.com
Sent: Saturday, December 22, 2001 7:26 PM
Subject: [icomr75] DSP "Mail-in Rebate"...

Does anybody have any specifics about the "free" UT-106 DSP option
"rebate" from Icom? Like what are the dates involved in-between which
you must buy the receiver to receive the "rebate"? I have been
trying
to access the Icom America site lately, but with no success.

Thanks in advance for any information.

Jack

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[Non-text portions of this message have been removed]

917. Re: DSP "Mail-in Rebate"...

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-23 18:44:52 UTC
From: kt4ht
Topic: 914 Message: 917

Just got my UT-106 from Icom, took all of 1 week.

As far as Universal Radio.....stay far away. Far Away. Good prices,
poor customer service. Very poor processing and delivery times.

--- In icomr75@y..., "rattenhuber" <rattenhuber@a...> wrote:
> Go to the Universal radio web site. The offer is good until
3/31/2002
> ---- Original Message -----
> From: w1js
> To: icomr75@y...
> Sent: Saturday, December 22, 2001 7:26 PM
> Subject: [icomr75] DSP "Mail-in Rebate"...
>
>
> Does anybody have any specifics about the "free" UT-106 DSP
option
> "rebate" from Icom? Like what are the dates involved in-between
which
> you must buy the receiver to receive the "rebate"? I have been
> trying
> to access the Icom America site lately, but with no success.
>
> Thanks in advance for any information.
>
> Jack
>
>
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> [Non-text portions of this message have been removed]

918. Re: replacement narrow crystal filter for 60MHz first IF

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-24 03:40:51 UTC
From: just_rtfm
Topic: 908 Message: 918

Gert:

you're correct... as usual :p. after looking at the schematic and the circuitboard i *might* have found where some of the filters are located. i believe i am going to take your advice and install dual 2.8 kHz filters into my unit. would it be difficult to replace the two 15 kHz filters? would it be useful? could i also replace the 15 kHz at the 455 kHz IF with say 5.5 kHz as i never use FM? are all the R-75's filters ceramic except the two crystal 2.4 kHz filters?

thanks,
phil

919. Re: [icomr75] Re: replacement narrow crystal filter for 60MHz first IF

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-24 06:58:55 UTC
From: Gert Nilsson
Topic: 908 Message: 919

The 69 MHz filter and 9 MHz and optional filters are all x-tal, the only ceramic are the 450/455 kHz filters 2,4, 6 and 15 kHz filters,

I do not know any subsitute for the 15 kHz filte at 69 MHz.

The 15 kHz ahead of the noise blanker is easily removed. ICAM dealers have 6 and 8 kHz alternatives.

KIWA electronics have a 3,7 kHz filter at 450 kHz. I have not tried this.

Also Murata has other alternatives for the 2,4 kHz 455 kHz filters. They are called CFJ455K and an additional figure. I think the 8 is a 1 kHz filter (perhaps a little widwr, maybe 1,6 kHz)

[Non-text portions of this message have been removed]

920. SSB/ECSS HF Receiver

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-24 08:56:16 UTC
From: just_rtfm
Topic: 920 Message: 920

just a thought: why doesn't ICOM make a HF (30 MHz max) receiver that only does SSB and ECSS? 1000 memories, make the unit smaller, dump the speaker, DSP standard, change the two 15 kHz filters before the NB to 3 kHz, get rid of the 6 and 15 kHz filters, no synch AM, no FM. replace the dual 2.4 kHz with highest quality dual 3.0 kHz that can be twin-PBT down to say 0.5 kHz. they could have two modes for the PBT... the second mode could allow the inner ring to move both together, the outer ring to move both opposite... it would save the later's position as a type of bandwidth reading. sell it for $400 and watch the competition die. make a $100 add in board based on R2 to do 30MHz - 1GHz FM. anyone have any thoughts on the idea?

phil

921. Re: replacement narrow crystal filter for 60MHz first IF

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-25 05:59:56 UTC
From: lucretius3
Topic: 908 Message: 921

--- In icomr75@y..., "Gert Nilsson" <gert.nilsson@m...> wrote:
> The 69 MHz filter and 9 MHz and optional filters are all x-tal, the only ceramic are the 450/455 kHz filters 2,4, 6 and 15 kHz filters,
>
> I do not know any subsitute for the 15 kHz filte at 69 MHz.
>
> The 15 kHz ahead of the noise blanker is easily removed. ICAM dealers have 6 and 8 kHz alternatives.
>
> KIWA electronics have a 3,7 kHz filter at 450 kHz. I have not tried this.

This filter works well.

> Also Murata has other alternatives for the 2,4 kHz 455 kHz filters.
> They are called CFJ455K and an additional figure. I think the 8 is
> a 1 kHz filter (perhaps a little widwr, maybe 1,6 kHz)

Murata K-series ceramic filters for 455KHz IF:

Name
CFJ455K8 1.0 KHz nominal, 1.5 KHz actual -- poor shape factor (3.0)

CFJ455K14 2.2-2.6 KHz (depends on sample?) -- good shape factor (1.73 - 2.05) **

CFJ455K5 2.4 KHz nominal (probably 2.7 actual) -- good shape factor (1.88) *

* IIRC, this filter already comes stock in the R75.

** This one comes stock in the AR7030+ -- a 1.46 shape factor is obtained due to cascading filters.

--
Michael Moore

922. Re: DSP "Mail-in Rebate"...

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-25 06:07:58 UTC
From: lucretius3
Topic: 914 Message: 922

--- In icomr75@y..., "kt4ht" <kt4ht@b...> wrote:
> As far as Universal Radio.....stay far away. Far Away. Good prices,
> poor customer service. Very poor processing and delivery times.

My experience with them is that they lie about stock status and/or lead times to obtain out-of-stock items. They also have no qualms about repacking and reshipping returns as new items. However, in fairness to Universal, I should mention that they will accept returns, they have reasonable prices, and have the best website for any radio store.

--
Michael Moore

923. Re: DSP "Mail-in Rebate"...

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-26 05:25:48 UTC
From: Eddie Bryant
Topic: 914 Message: 923

>and have the best website for any radio store.

Universal is the only place I know that actually has
images of the accessories available from ICOM.

and....

My most recent order with an unamed Ham Radio
dealer still has me confused.

I ordered a transceiver and antenna. The Transceiver
arrived but no antenna.

The web site does not notify you of this backorder
either at the time you place the order and by the
way you have no receipt in the box that lets you
know it's been backordered. A receipt comes in
the mail weeks later that says you have paid for all
the things you have ordered but guess what? No
mention of any backorder is on the receipt.

Then, I get a letter a week or so later saying my
antenna was backordered.....but no expected
date is mentioned.

Then, two months later I get the back ordered
antenna that had already been paid for two months
earlier.

Now, I can finally install the transceiver I ordered
two months earlier now that I got the antenna that
hooks to it!!!

This is a one of the big three Ham Dealers and goes
by a three letter name.

I give up.....

[Non-text portions of this message have been removed]

924. 6kHz filter @ 9MHz IF ?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-26 18:41:27 UTC
From: gear2box
Topic: 924 Message: 924

Folks--

I'm a new R75 owner, but have been following the board here for a few months. The unit straigh-from-the-box works a bit better than i expected, but i plan to forward it to Kiwa as soon as i can get on their schedule.

Which brings me to my question: assuming that one had no need for FM and was primarily interesed in broadcasts, wouldn't a 6kHz filter in the 2nd, 9MHz IF make a lot of sense? Then the PBT could actually do some good at a broadcast-type bandwidth. Any disadvantages to this? It might do some good things for selectivity also, but that wouldn't the main reason to make the change.

I'm given to understand that the ICOM firmware wouldn't recognize such a filter if it went in the optional slot. Assuming this is so, why not just get Kiwa to exchange the 15kHz filter in the second IF with a 6kHz one (same as they will do for me in the third IF while installing the 3.8 kHz filter)? Are 6kHz filters available at 9MHz frequencies? I can't find one in the online Murata catalogs, but admit i'm no engineer. (Actually, i'm an economist . . . hold the snickers.)

Any thoughts on the above would be appreciated.

--gearbox

925. Re: [icomr75] 6kHz filter @ 9MHz IF ?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-27 07:02:33 UTC
From: Gert Nilsson
Topic: 924 Message: 925

The ICOM 6 kHz filter for the transceiver IC 775 FL102 is a direct drop in. I have not tried it.
----- Original Message -----
From: gear2box
To: icomr75@yahoogroups.com
Sent: Wednesday, December 26, 2001 6:41 PM
Subject: [icomr75] 6kHz filter @ 9MHz IF ?

Folks--

I'm a new R75 owner, but have been following the board here for a few months. The unit straigh-from-the-box works a bit better than i expected, but i plan to forward it to Kiwa as soon as i can get on their schedule.

Which brings me to my question: assuming that one had no need for FM and was primarily interesed in broadcasts, wouldn't a 6kHz filter in the 2nd, 9MHz IF make a lot of sense? Then the PBT could actually do some good at a broadcast-type bandwidth. Any disadvantages to this? It might do some good things for selectivity also, but that wouldn't the main reason to make the change.

I'm given to understand that the ICOM firmware wouldn't recognize such a filter if it went in the optional slot. Assuming this is so, why not just get Kiwa to exchange the 15kHz filter in the second IF with a 6kHz one (same as they will do for me in the third IF while installing the 3.8 kHz filter)? Are 6kHz filters available at 9MHz frequencies? I can't find one in the online Murata catalogs, but admit i'm no engineer. (Actually, i'm an economist . . . hold the snickers.)

Any thoughts on the above would be appreciated.

--gearbox

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[Non-text portions of this message have been removed]

926. New R75 Owner has Questions

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-27 17:31:47 UTC
From: xoxo2200
Topic: 926 Message: 926

Greetings all,
My name is Steve and am presently awaiting arrival of a new R75. I do hope I can tap into your collective experience on a few concerns.

1) I have an MFJ active preamp/preselector which is used with a longwire antenna. Is this overkill considering the R75 has 2 built in preamps? If I was to turn the gain all the way down on the MFJ unit, would it still be useful as a preselector?

2) Does the twin PBT suffice to help copy CW in heavy QRM or is the optional 500hz filter a "must have" for this type of listening?

3) I notice most R75 owners employ the ECSS (hope I used the right initials) method of tuning AM broadcasts. Is this because there is no AM Synchronous detector (I thought it had one) installed on this radio, or does it come with one that performs poorly?

Thank you all for any help/suggestions you might offer.

Steve

927. Re: [icomr75] New R75 Owner has Questions

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-27 18:41:31 UTC
From: Ron M
Topic: 926 Message: 927

Steve,
I can answer item #2 for sure; you need the filter, I also have one I would sell if interested.
Yes the SAM performs poorly on the R75; there are aftermarket mods I believe.
Ron

At 05:31 PM 12/27/01 +0000, you wrote:
>Greetings all,
>My name is Steve and am presently awaiting arrival of a new R75. I do
>hope I can tap into your collective experience on a few concerns.
>
>1) I have an MFJ active preamp/preselector which is used with a
>longwire antenna. Is this overkill considering the R75 has 2 built in
>preamps? If I was to turn the gain all the way down on the MFJ unit,
>would it still be useful as a preselector?
>
>2) Does the twin PBT suffice to help copy CW in heavy QRM or is the
>optional 500hz filter a "must have" for this type of listening?
>
>3) I notice most R75 owners employ the ECSS (hope I used the right
>initials) method of tuning AM broadcasts. Is this because there is no
>AM Synchronous detector (I thought it had one) installed on this
>radio, or does it come with one that performs poorly?
>
>Thank you all for any help/suggestions you might offer.
>
>Steve
>
>
>
>
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>icomr75-unsubscribe@egroups.com
>
>
>
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[Non-text portions of this message have been removed]

928. Antenna for limited spaces

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-28 13:08:20 UTC
From: danbar_54
Topic: 928 Message: 928

I will be purchasing an IC-R75 and would like begin DX'ing, not casual listening. I can only install an external antenna in my attic which is about 30' long. I was wondering if I could use a high performance antenna like the DX-Ultra, and simply form a "U" by attaching the anttena to the rafters, instead of stretching it out end to end? This antenna should be able to support the full frequency bands of this receiver (0 to 60mhz)...An antenna tuner would not be out of the question. My only other SW radio is a Zenith Royal Transoceanic 3000-1.
Thanks,
Dan

929. Radio Master

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-28 13:34:27 UTC
From: danbar_54
Topic: 929 Message: 929

Because I have limited space, how would the Radio Master A-50
function if located in my attic, about 50 feet above ground?
Thanks, again
Dan

930. R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-28 23:18:36 UTC
From: rpwhite_77479
Topic: 930 Message: 930

Hello,

I am new to the shortwave scene, but am interested in getting involved. Maybe just listening at first. I have looked and found that the R75 seems to be a good starter reciever someone just getting started? I don't mind paying a little extra to get a GOOD unit. Is this a good unit to get to start listening in on the world and maybe doing some DXing?

Any help is appreciated!

Thanks,

Rp

931. Re: New R75 Owner has Questions

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-29 04:23:11 UTC
From: just_rtfm
Topic: 926 Message: 931

hi Steve:

congratulations on the R-75. i bought one a month ago and love it.

1) you probably will not need the MFJ preamp/selector, which is good news because i have something similar and turning those knobs is a pain in the butt anyway. that being said you could still use it as a preselector or use it for some gain even though the R-75 has plenty of gain available.

2) the twin PBT with dual 2.4 kHz filters can 'get down' to about 1.1 kHz bandwidth... yes you can copy CW but not in heavy QRM. you can plug the output of your speaker into your computer's soundcard and probably get software that will cut out certain parts of the spectrum also... i even have a program that will translate CW... works pretty well (i do not know CW)... and it works just fine with the 2.4 kHz filters, matter of a fact the wider the filter the better since it destinguish between the CW sources and wider just means you 'see' more at once on the scope.

3) i use the 6.0 kHz filter for AM but i do sometimes use ECSS. the reason being is that the R-75 is very stable /and/ this method helps with fading and interference on one side. the sych detector does not work however kiwa (www.kiwa.com) will fix it for $45 if it bothers you. when i get a wider ECSS filter i suspect i'll be using it over the 6.0 kHz AM filter.

phil :)

932. Re: Antenna for limited spaces

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-29 04:25:47 UTC
From: just_rtfm
Topic: 928 Message: 932

Dan:

i use 50' of wire inside my condo... wire wrap. it is barely
noticeable and does quite well.

> My only other SW radio is a Zenith Royal Transoceanic 3000-1.

my 'only other' before the R-75 was a Sangean 818... you're in for a
big treat with the R-75!

enjoy,
phil :)

933. Re: R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-29 04:32:29 UTC
From: just_rtfm
Topic: 930 Message: 933

Rp:

the R-75 is a great receiver. yes there are more expensive ones but it is quite sensitive and quite selective with the dual 2.4 kHz filters. with two preamps you'll be able to do some great dxing. the unit is small, well constructed, and has a sharp display. you won't be disappointed. don't let the price fool you... for $510 right now at KJI it includes the audio DSP free! that can't be beat! other units you could look into are the Drake R8B, AOR 7030+, and the NRD-545. IMO they are not worth 2-4 times the cost of the R-75... the first two don't even have an audio DSP cuts down all the noise and makes listening more enjoyable. the R-75 is a very good dxing rig.

phil :)

934. CR-282 filter

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-29 12:47:20 UTC
From: cdeagle2000
Topic: 934 Message: 934

Has anyone installed the CR-282 filter in the R75? The instructions in the user's manual appear sparse. Does the filter really improve the R75?

Thanks,

David

935. Re: R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-29 14:35:45 UTC
From: rpwhite_77479
Topic: 930 Message: 935

Thanks for the reply. After talking to my Dad, he thinks the same thing, OLD ham guy from long ago. I guess I might just go with this one, KJI seems like the best price.

Now to antenna's, I live in neighborhood that will not allow the big antenna, so I need a attic one... Any suggestions?

THanks,

--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> Rp:
>
> the R-75 is a great receiver. yes there are more expensive ones but
> it is quite sensitive and quite selective with the dual 2.4 kHz
> filters. with two preamps you'll be able to do some great dxing. the
> unit is small, well constructed, and has a sharp display. you won't
> be disappointed. don't let the price fool you... for $510 right now
> at KJI it includes the audio DSP free! that can't be beat! other
> units you could look into are the Drake R8B, AOR 7030+, and the NRD-
> 545. IMO they are not worth 2-4 times the cost of the R-75... the
> first two don't even have an audio DSP cuts down all the noise and
> makes listening more enjoyable. the R-75 is a very good dxing rig.
>
> phil :)

936. Question?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-29 18:05:16 UTC
From: lucifigus
Topic: 936 Message: 936

I am deciding to upgrade from my medicre portable radio for SW listening. I am considering the R75, but I am unclear on a couple points. I am not completely competent with all the terminology, so please bare with me.

The R75 is listed as having no syncronous selectable sideband. Just what does this mean as a limitation of the receiver? Does this mean it will not track a signal on sideband?

Are there any necessary add on options to significantly improve this receiver?

Thanks,

Gary Weber

937. Re: R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-29 20:05:52 UTC
From: just_rtfm
Topic: 930 Message: 937

howdy!

i think you will be pleased with the R-75. i bought mine at KJI. it's a mom and pop type shop done right and very well stocked with ICOM. the guy who owns it, Gene, is who you'll talk to... he's a ham and electrical engineer who's been in the business ~20 years.

> Now to antenna's, I live in neighborhood that will not allow the big
> antenna, so I need a attic one... Any suggestions?

i live in a condo... believe it or not i put up '50 foot of wire wrap wire (white, $5 at Radio Shack) and it is doing /quite/ well attached near my ceiling. you can do the same in your attic... put up 50 or 100 feet of wire and keep it away from anything that has current running through it (fans etc). it's easy, cheap, and works well! people often buy some $100 amplified antenna that promises the moon and stars all to find out that it's just junk because a $10 piece of wire works better.

> THanks,

no problemo!
phil :)

938. Vertical Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-29 20:11:23 UTC
From: danbar_54
Topic: 938 Message: 938

As you can see guys or gals, I am looking for a limited space antenna, but would like to use the full frequency range of my R75. LF Engineering has a vertical antenna, model H800, that looks very interesting. Has anyone had any experiences with this product or similiar? I plan to mount it outside, against my house.

Thanks,
Dan

939. Re: Question?

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-29 20:21:16 UTC
From: just_rtfm
Topic: 936 Message: 939

Gary:

you'll be /very/ pleasantly surprised moving up from a portable.

> The R75 is listed as having no syncronous selectable sideband.

actually it has a synch but it doesn't work :o.

> Just what does this mean as a limitation of the receiver?

synch can be though of as automatic ECSS. what is ECSS? ECSS is basically tuning in AM stations in as side bands (USB or LSB). why do it? it reduces fading and since you're only on one side you can often avoid an offending signal (noise) on the other side. no synch means you must do this 'by hand'... is this hard? according to to Passport it is 'painstaking' but in reality all you do is press a button (SSB) and possibly press it again to switch between USB <-> LSB. not real painstaking.

> Does this mean it will not track a signal on sideband?

the R-75 is very stable.

> Are there any necessary add on options to significantly improve
> this receiver?

honestly the receiver is quite good 'as-is'. i am creating an R-75 site that will have tips on it. if you want to fix the synch detector kiwa will do it for $45 US. if you want to swap one of the fixed (soldered in) AM filters kiwa does that for $90 US. my recommendation is get the unit without the optional filters (or anything else extra) until you figure out what you'll be using it for... and i do not say this to be 'flip'. i have been in this hobby several years with a portable and i bought the R-75 for dxing but what i have found is that the DSP works so well i keep it on all the time listening to hams or talk radio while i surf online.

phil :)

940. Re: [icomr75] Vertical Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-29 22:45:13 UTC
From: Dave
Topic: 938 Message: 940

Actives are OK (I have an MFJ-1024 that works real well).

You may want to experiment a bit before you spend all that cheese.

http://www.hard-core-dx.com/nordicdx/antenna/hidden/index.html

dr

----- Original Message -----
From: danbar_54
To: icomr75@yahoogroups.com
Sent: Saturday, December 29, 2001 20:11
Subject: [icomr75] Vertical Antenna

As you can see guys or gals, I am looking for a limited space
antenna, but would like to use the full frequency range of my R75.
LF Engineering has a vertical antenna, model H800, that looks very
interesting. Has anyone had any experiences with this product or
similiar? I plan to mount it outside, against my house.

Thanks,
Dan

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[Non-text portions of this message have been removed]

941. Re: [icomr75] Re: R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-31 15:42:35 UTC
From: pete elsworth
Topic: 930 Message: 941

On Sat, 29 Dec 2001, rpwhite_77479 wrote:

> Now to antenna's, I live in neighborhood that will not allow the big
> antenna, so I need a attic one... Any suggestions?

I would do one of two things:

1) String up the longest dipole you can in your attic

or

2) String up the largest 'loop' you can in your attic

A loop would probably be the better choice, and would be easy to make. All you would need is some nice stranded, bare (not jacketed) copper wire, a center insulator (a peice of wood, plastic, etc) and a hunk of coaxial cable and a PL-259 connector.

The wire could be obtained at Home Depot. There's some great deals on wire there! I bought some a 500' spool of #18 guage stranded bare copper wire for about $14. Easy to work with and solder and of very good quality. I have made quite a few antennas with this spool of wire, and have plenty left over.

The rest of the stuff (coax and a connector) could be had at Radio Shack. A loop antenna tends to be low-noise, broadbanded, and only slightly directional. These are all good things for your application.

I'd suggest you buy either the ARRL Handbook or the ARRL Antenna Book, both of which describe how to build a loop (among plenty of other antenna designs) as well as how to select and work with coaxial cable, connectors, insulators, etc. It is good to have a reliable point of reference for antennas because they're the most important part of your listening setup. While a random length of wire works okay for strong stations, properly designed antennas will help you pull in more exotic DX.

P.E.

942. Re: [icomr75] CR-282 filter

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-12-31 18:48:40 UTC
From: Ron M
Topic: 934 Message: 942

I have the CR-282 (High Stability Oscillator), in the R75 and it works
great, keeps it very stable.
Ron M

At 12:47 PM 12/29/01 +0000, you wrote:
>Has anyone installed the CR-282 filter in the R75? The instructions in
>the user's manual appear sparse. Does the filter really improve the
>R75?
>
>Thanks,
>
>David
>
>
>
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[Non-text portions of this message have been removed]

943. Re: CR-282 filter

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-01 07:43:47 UTC
From: lucretius3
Topic: 934 Message: 943

--- In icomr75@y..., Ron M <rmonfeli@f...> wrote:
> I have the CR-282 (High Stability Oscillator), in the R75 and it works
> great, keeps it very stable.
> Ron M

I agree with Ron. I had the R75 for quite a while before installing the TCXO. I really hated the drift in the first half hour, without the CR-282. However, if you leave your radio on for an hour before listening/tuning, then the drift with the stock internal crystal is reduced.

--
Michael Moore

944. Re: [icomr75] Re: R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-01 16:42:02 UTC
From: jimvaljef@aol.com
Topic: 930 Message: 944

In a message dated 12/31/01 10:44:01 AM Eastern Standard Time,
swradio@... writes:

> A loop would probably be the better choice, and would be easy to make. All
> you would need is some nice stranded, bare (not jacketed) copper wire, a
> center insulator (a peice of wood, plastic, etc) and a hunk of coaxial
>

Why do say to use bare (not jacketed) wire? Is there any advantage? Jim

[Non-text portions of this message have been removed]

945. Question re: filters and mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-02 12:36:50 UTC
From: lucifigus
Topic: 945 Message: 945

I am strongly considering a R75 as my first tabletop radio. I am not any sort of electronics widget guy, I just like listening to radio, preferably good radio - world band among others. The upgrade to a tabletop such as the R75 brings about many features and possibilities which I have never encountered before.

There seems to be a disproportionate increase in the performance of the R75 with a few, reatively inexpensive upgrades. What I am having difficulty with is trying to decide what the differences in the choice of upgrades really is.

Is there a general sense of a list of priorized mods to the R75? If you are going to spend $200 on upgrades, what should be done first? If one is to add filters, is one more significant than others? Do these choices depend on what and how one listens to their particular radio?

I am almost sold on Kiwa mods (If I want high fidelity FM, I will turn on my stereo). Is there any reason I should look at something else?

What is the performance difference with the CR-282 installed?

Sorry for the questions, but I don't seem to be able to find a decent book that explains all this without becoming a technician.

Gary Weber

946. Re: [icomr75] Question re: filters and mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-02 13:06:48 UTC
From: Gert Nilsson
Topic: 945 Message: 946

I think add-ons are just a case of personal taste. This is my preferences:

I would never buy the x-tal ove CR 282. The drift from turn on is less than 20 Hz. When warm the R75 is rockstable.

The DSP ANF/NR is a good one. I like the ANF the best. However it is not a must! The noise reduction is just a few dBs. It sounds much more because when you hit this button the audio is down abot 7 dB!

The extra filters are good, especially the 455 kHz versions. I listen to all stations in the SSB mode. If I had to choose one filter the 455 2,8 would be my choice. (I bought the 2,8 + 3,3 kHz two years ago and I do not use the 3,3 kHz any more.)

[Non-text portions of this message have been removed]

947. Re: [icomr75] Question re: filters and mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-02 14:10:41 UTC
From: pete elsworth
Topic: 945 Message: 947

> What is the performance difference with the CR-282 installed?

For listening to broadcast stations on shortwave, the R75 is fine "out of the box". Do not buy the CR-282.

The CR-282 is mainly used by people interested in FSK-type digital modes (frequency shift-keyed) that are extremely narrow in bandwidth and hence ultra-high stability is required. Perhaps some CW (morse code) fans might also be interested. But for shortwave broadcasts using AM, the CR-282 is completely unnecessary. Having owned several Icom HF radios I have never found the need for the high-stability option. These radios are rock stable to begin with.

The only option I would consider would be the UT-106 DSP unit, which right now you don't even need to buy separately because Icom is including it free with the purchase of an R75 (offer expires 03/31/02, info is from Universal Radio's website but the same deal should be available at any Icom dealer). Seeing as you'll be getting the UT-106 for free if you get in on this deal, you'll have everything you need (in my opinion). If you get into utility listening on SSB you might want to buy an SSB filter someday, but the UT-106's ANF (automatic notch filter) is probably all you'll ever need anyways.

Once you buy your R75, you'll have everything you need from a receiver standpoint; the next thing to consider is an effective antenna system. Antennas can make all the difference. An efficient antenna hooked up to a $150 Radio Shack portable can blow away an R75 attached to a random hunk of wire. Keep this in mind. Roll the money you would spend on accessories for the R75 into an ARRL Antenna Book, some wire from Home Depot and a soldering gun. Or, solicit the advise of people who have purchased ready-made antennas. I build all my own antennas so I can't offer any specific recommendations for store-bought ones, but I'm sure plenty of folks on the list could.

The R75 is a great unit, you'll hear plenty of interesting things on it.

P.E.

948. Re: [icomr75] Re: CR-282 filter

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-02 14:29:17 UTC
From: pete elsworth
Topic: 934 Message: 948

> I agree with Ron. I had the R75 for quite a while before installing
> the TCXO. I really hated the drift in the first half hour, without
> the CR-282. However, if you leave your radio on for an hour before
> listening/tuning, then the drift with the stock internal crystal is
> reduced.

How severe is the drift? 10 Hz in 30 minutes? 100 Hz? I don't have an R75; I have an Icom 746 which I use for shortwave listening. The receiver section of the 746 should be practically identical to the R75 (the accessories are the same, including the TCXO). I don't have the CR-282 and have never noticed even the slightest bit of drifting. This includes turning the radio on and immediately beginning PSK31 copy on the ham bands (where any drift would definitely be noticed).

Nonetheless, for someone who admittadly will only be listening to AM broadcasts on SW, the $115 cost of the CR-282 is better spent on antenna-related things.

P.E.

949. Re: [icomr75] Re: R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-02 16:43:32 UTC
From: Bruce Jensen
Topic: 930 Message: 949

--- pete elsworth <swradio@...> wrote:

> All you would need is some nice stranded, bare (not
> jacketed) copper wire

Why? What's wrong with jacketed? Lots of good
antennae have insulation over the surface and it makes
no difference...

Bruce Jensen

_____
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950. Re: [icomr75] Question re: filters and mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-02 16:53:12 UTC
From: Ron M
Topic: 945 Message: 950

Hi Gary and group,
I have a R75 for sale, see below for the add. It has a lot of adds as you can see. I will sell it for $700.00 including shipping in US. That is a whole lot of savings for this receiver with this many options especially the ones that are most popular. If you like to record your findings then you will enjoy the UT-102 Voice Syn; you can start the recorder and press on the voice unit and it will announce the freq, time, mode etc. so when you play back your recorder you will have like a date/time/freq etc. stamp so you will know when you recorded and so on.
Email me for any further questions.

Excellent condition! Have everything as new, box, manuals etc. I also have installed the following: UT-106 DSP Unit; UT-102 Voice Synthesizer Unit; CR-282 High-Stability Crystal Unit, plus the following filters: FL-223 1.9kHz for SSB and FL-52A 500Hz for CW/RTTY.
This unit is Loaded! Over $1,000 invested, asking $700.00 including shipping in US. (A new unit with FREE DSP is still $600.00 plus you will wait for a while for the DSP unit from Icom, then you have to install it, if you know how, so for $100 more you get over $550.00 worth of options.
Ron M

At 12:36 PM 1/2/02 +0000, you wrote:
>I am strongly considering a R75 as my first tabletop radio. I am not
>any sort of electronics widget guy, I just like listening to radio,
>preferably good radio - world band among others. The upgrade to a
>tabletop such as the R75 brings about many features and possibilities
>which I have never encountered before.
>
>There seems to be a disproportionate increase in the performance of
>the R75 with a few, reatively inexpensive upgrades. What I am having
>difficulty with is trying to decide what the differences in the
>choice of upgrades really is.
>
>Is there a general sense of a list of priorized mods to the R75? If
>you are going to spend $200 on upgrades, what should be done first?
>If one is to add filters, is one more significant than others? Do
>these choices depend on what and how one listens to their particular
>radio?
>
>I am almost sold on Kiwa mods (If I want high fidelity FM, I will
>turn on my stereo). Is there any reason I should look at something
>else?
>
>What is the performance difference with the CR-282 installed?
>

>Sorry for the questions, but I don't seem to be able to find a decent
>book that explains all this without becoming a technician.
>
>Gary Weber
>
>
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[Non-text portions of this message have been removed]

951. Re: Question re: filters and mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-02 16:56:46 UTC
From: lucifigus
Topic: 945 Message: 951

Thanks for the information. I really think I am sold on the R75 as it will elevate me to a new level of performance with a rather interesting learning curve. I have been playing with antennas lately and I have Joe Carr's books coming any day. I am currently using a clothesline (10 mters long) and an folded longwire (about 25 meters long)hanging off the clothesline. I have it run to a balun which splits to a ground and a coax feed into my flat. I will have to run more coax into the flat so I can move the radio from the den into the bedroom.

Gary Weber

pete elsworth <swradio@4...> wrote:

snip

> Once you buy your R75, you'll have everything you need from a receiver standpoint; the next thing to consider is an effective antenna system. Antennas can make all the difference. An efficient antenna hooked up to a $150 Radio Shack portable can blow away an R75 attached to a random hunk of wire. Keep this in mind. Roll the money you would spend on accessories for the R75 into an ARRL Antenna Book, some wire from Home Depot and a soldering gun. Or, solicit the advise of people who have purchased ready-made antennas. I build all my own antennas so I can't offer any specific recommendations for store-bought ones, but I'm sure plenty of folks on the list could.

The R75 is a great unit, you'll hear plenty of interesting things on it.

P.E.

952. Re: [icomr75] DSP Turn around time

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-02 18:11:44 UTC
From: Kurt
Topic: 952 Message: 952

Some of you may be wondering about the turn around time to receive a DSP unit when mailing in the coupon included with the R-75. I mailed mine on 21 Dec.'01 and received the DSP unit today 2 Jan. '02. Less than two weeks including to major holidays. Not bad at all.
Kurt H.
----- Original Message -----
From: <jimvaljef@...>
To: <icomr75@yahoogroups.com>
Sent: Tuesday, January 01, 2002 9:42 AM
Subject: Re: [icomr75] Re: R75

> In a message dated 12/31/01 10:44:01 AM Eastern Standard Time,
> swradio@... writes:
>
>
> > A loop would probably be the better choice, and would be easy to make.
All
> > you would need is some nice stranded, bare (not jacketed) copper wire, a
> > center insulator (a peice of wood, plastic, etc) and a hunk of coaxial
> >
>
> Why do say to use bare (not jacketed) wire? Is there any advantage? Jim
>
>
> [Non-text portions of this message have been removed]
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
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>
>

953. Re: [icomr75] Re: R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-02 18:51:46 UTC
From: pete elsworth
Topic: 930 Message: 953

On Wed, 2 Jan 2002, Bruce Jensen wrote:

> Why? What's wrong with jacketed? Lots of good
> antennae have insulation over the surface and it makes
> no difference...

I am not an expert on antennas, nor will I claim to be. However, what I've read is that the dielectric properties of the poly materials usually used to jacket stranded wire can result in at least some very small attenuation of signal. *shrug* in reality it's probably so small as to not concern most people.. may even be a myth, forgot where i read it.. I'll let a true antenna guru chime in if he or she likes..

P.E.

954. Re: [icomr75] Re: R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-02 19:41:53 UTC
From: Don Nelson
Topic: 930 Message: 954

In tests with Beverages, EWEs and long wire antennas, insulation or lack of it made no difference in signal strength (As measured on
WJ8712P and WJ8711A meters).. Nor did solid vs stranded wire make a difference in signal strength. (although stranded seemed to last
longer)
BUT --- if you are going to put out temporary beverage antennas, you may wish to opt for the more expensive teflon coating --- there
is a world of difference in reeling in 1000 to 1500 feet of wire (AWG 22 to 26) with teflon vs the standard coating vs no
coating....it does not snag in the trees nor undergrowth.
Don Nelson
Oregon

----- Original Message -----
From: "pete elsworth" <swradio@...>
To: <icomr75@yahoogroups.com>
Sent: Wednesday, January 02, 2002 10:51 AM
Subject: Re: [icomr75] Re: R75

On Wed, 2 Jan 2002, Bruce Jensen wrote:

> Why? What's wrong with jacketed? Lots of good
> antennae have insulation over the surface and it makes
> no difference...

I am not an expert on antennas, nor will I claim to be. However, what I've read is that the dielectric properties of the poly materials usually used to jacket stranded wire can result in at least some very small attenuation of signal. *shrug* in reality it's probably so small as to not concern most people.. may even be a myth, forgot where i read it.. I'll let a true antenna guru chime in if he or she likes..

P.E.

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955. Re: CR-282 filter

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-03 06:36:43 UTC
From: lucretius3
Topic: 934 Message: 955

--- In icomr75@y..., pete elsworth <swradio@4...> wrote:
> > I agree with Ron. I had the R75 for quite a while before
installing
> > the TCXO. I really hated the drift in the first half hour,
without
> > the CR-282. However, if you leave your radio on for an hour
before
> > listening/tuning, then the drift with the stock internal crystal
is
> > reduced.
>
> How severe is the drift? 10 Hz in 30 minutes? 100 Hz? I don't have
> an R75;

I don't recall exactly anymore, but the drift was enough to
require retuning in SSB modes -- it was quite annoying when scanning a
frequency range hunting for signals, since they weren't at the top of
the KHz.

> I have an Icom 746 which I use for shortwave listening. The receiver
> section of the 746 should be practically identical to the R75 (the
> accessories are the same, including the TCXO). I don't have the
CR-282 and
> have never noticed even the slightest bit of drifting.

Many Icom radios can use the CR-282, the UT106 and the UT102.
However, I don't think that's enough reason to assume the
receiver sections of these various radios are identical.

--
Michael Moore

> This includes
> turning the radio on and immediately beginning PSK31 copy on the ham
> bands (where any drift would definitely be noticed).
>
> Nonetheless, for someone who admittadly will only be listening to AM
> broadcasts on SW, the $115 cost of the CR-282 is better spent on
> antenna-related things.
>
> P.E.

956. DSP offer question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-03 14:48:25 UTC
From: lucifigus
Topic: 956 Message: 956

It appears that the free DSP cupon is available ONLY to residents of
the USA. Is this correct?

Gary Weber
Halifax, NS

957. Re: Antenna Wire Size

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-03 21:03:03 UTC
From: Eddie Bryant
Topic: 957 Message: 957

> What's wrong with jacketed antenna wiring?

Right now in my neck of the woods it would
allow more "Ice" to build up on the thicker
diameter conductor and provide more wind
loading too.

I used 12 Ga solid copper house wiring with
the insulation removed. It's been up between
two trees for the last 8 years. The garden variety
rope to suspend it from my local K-mart lasted
two years max then the antenna wire fell. Then
I got some very high quality black rope from a
Hamfest (may be military grade..I am not sure)
and it's lasted 8 years and still going strong.

Sorry, but I can't give you a source for this rope
but it should be available from any Amateur Radio
antenna supplier. I believe it is highly resistant
to UV which allows it to withstand the elements
better.

Eddie
N4UMJ

958. Re: [icomr75] Re: Antenna Wire Size

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-04 04:05:57 UTC
From: Bruce Jensen
Topic: 957 Message: 958

--- Eddie Bryant <n4umj@...> wrote:
> > What's wrong with jacketed antenna wiring?

> Then I got some very high quality black rope from a
> Hamfest (may be military grade..I am not sure)
> and it's lasted 8 years and still going strong.
>
> Sorry, but I can't give you a source for this rope
> but it should be available from any Amateur Radio
> antenna supplier. I believe it is highly resistant
> to UV which allows it to withstand the elements
> better.

Could be polyester - that material is very UV
resistant.

Bruce Jensen

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http://greetings.yahoo.com

959. Re: [icomr75] Re: Antenna Wire Size

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-04 04:07:51 UTC
From: Dave
Topic: 957 Message: 959

I've used the 21 g steel wire from the hardware store with good results. Comes in 100' rolls for about $5.

dr

----- Original Message -----
From: Eddie Bryant
To: icomr75@yahoogroups.com
Sent: Thursday, January 03, 2002 21:03
Subject: [icomr75] Re: Antenna Wire Size

> What's wrong with jacketed antenna wiring?

Right now in my neck of the woods it would
allow more "Ice" to build up on the thicker
diameter conductor and provide more wind
loading too.

I used 12 Ga solid copper house wiring with
the insulation removed. It's been up between
two trees for the last 8 years. The garden variety
rope to suspend it from my local K-mart lasted
two years max then the antenna wire fell. Then
I got some very high quality black rope from a
Hamfest (may be military grade..I am not sure)
and it's lasted 8 years and still going strong.

Sorry, but I can't give you a source for this rope
but it should be available from any Amateur Radio
antenna supplier. I believe it is highly resistant
to UV which allows it to withstand the elements
better.

Eddie
N4UMJ

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[Non-text portions of this message have been removed]

960. Re: DSP offer question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-04 06:34:02 UTC
From: lucretius3
Topic: 956 Message: 960

--- In icomr75@y..., "lucifigus" <gweber@h...> wrote:
> It appears that the free DSP cupon is available ONLY to residents of
> the USA. Is this correct?

That's what it says on Icom America's website. However, when they offered the same deal back in 1999, Icom America cheerfully sent me the free DSP to my Canadian address. Back then, I had checked with Icom America before purchasing and they said that as long as I purchased the radio from an American dealer, that they would honour the coupon for the free DSP. So, if this interests you, then you may want to contact Icom America. Also, don't bother waiting for Icom Canada to make the same deal -- it won't happen.

--
Michael Moore

961. filter questions

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-06 04:54:18 UTC
From: kb7oex
Topic: 961 Message: 961

Hi folks -

I bought an R75 last week and shipped it off to KIWA for his mods. I'm a bit confused about the filter system though. A reviewer on Eham mentioned putting the 3.3 filter on the 455 board and FL-223 1.9kHz on the 9Mhz board. I had the impression that the filters were cascaded - meaning, to me, that the signal travels thru th 9 board filter first and then the 455 board. This would suggest that you use an equal or small width filter on the 455 board.

The fellow that did the review creates the impression that the 2 board s work independently and do not cascade. Can someone clear this up?

Also, the 455 board filters are amazingly expensive. I normally use Inrads and am only familiar with HAM radios by TenTec and Elecraft. Are the ICOM filters any good and why are they so pricey?

Any help would be most appreciated. 73/Tim Logan KB7OEX

962. filter questions

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-06 04:56:10 UTC
From: kb7oex
Topic: 961 Message: 962

Hi folks -

I bought an R75 last week and shipped it off to KIWA for his mods. I'm a bit confused about the filter system though. A reviewer on Eham mentioned putting the 3.3 filter on the 455 board and FL-223 1.9kHz on the 9Mhz board. I had the impression that the filters were cascaded - meaning, to me, that the signal travels thru th 9 board filter first and then the 455 board. This would suggest that you use an equal or small width filter on the 455 board.

The fellow that did the review creates the impression that the 2 board s work independently and do not cascade. Can someone clear this up?

Also, the 455 board filters are amazingly expensive. I normally use Inrads and am only familiar with HAM radios by TenTec and Elecraft. Are the ICOM filters any good and why are they so pricey?

Any help would be most appreciated. 73/Tim Logan KB7OEX

963. Re: [icomr75] filter questions

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-06 17:56:43 UTC
From: Gert Nilsson
Topic: 961 Message: 963

Crystal filters for 455 kHz are very pricey. In Sweden the price of the INRAD and ICOM filters are about the same. (Around 160$)
THe 9 MHz filters are a little less expensive. ICOM 60US$ and INRAD 95@ I think.

You are correct about the different filters sections. The are cascaded, but you can select filters independently. If you buy the 1,9 + 3,3 kHz you have the following alternatives:

9 MHz : Bypass, 2,4 and 1,9 kHz

455/450 kHz: 2,4 + 3,3 + 6 + 15 kHz

You can have 3 different combiations. I would recommend you this for SSB and ECSS reception:

Narrow: 1,9 + 2,4
Normal 2,4 + 3,3
Wide Bypass (=15 kHz) + 3,3 kHz

For AM

Narrow 1,9 + 2,4
Normal15 + 3,3
Wide 15 + 6 kHz

AM-S (´No 455 kHz filters available so no really good combinations)

Narrow 2,4 + 6 kHz
Normal 15 + 6 kHz
Wide 15 + 15

[Non-text portions of this message have been removed]

964. Re: [icomr75] Question re: filters and mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-05 18:38:24 UTC
From: Urban Larsson
Topic: 945 Message: 964

Hello Gert.

Gert Nilsson wrote:
>
> The DSP ANF/NR is a good one. I like the ANF the best. However
> it is not a must! The noise reduction is just a few dBs. It
> sounds much more because when you hit this button the audio
> is down abot 7 dB!

I totally agree with you. I use the ANF a lot as it actually
works! The NR are of limited use as it also adds a more robotic
type of character to the speech, so it will be harder to try
and listen to weak signals. With semi-weak signals it works ok
as the speech quality is good to begin with and there is not
that much noise left to reduce.

Do you know if there is schematics available on the net for
the UT106 or R75 so one could locate a resistor to change
to get rid of the annoying audio drop?

Ubbe.

965. Re: Question re: filters and mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-06 22:24:44 UTC
From: just_rtfm
Topic: 945 Message: 965

> Do you know if there is schematics available on the net for
> the UT106 or R75

the R75 schematics are located in the 'files' section of this group
under 'information'... schematics.pdf

phil

966. Re: [icomr75] Question re: filters and mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-07 07:48:51 UTC
From: Gert Nilsson
Topic: 945 Message: 966

Do you know if there is schematics available on the net for
the UT106 or R75 so one could locate a resistor to change
to get rid of the annoying audio drop?
Sorry I do not!

[Non-text portions of this message have been removed]

967. Re: [icomr75] Re: Question re: filters and mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-07 12:33:16 UTC
From: Urban Larsson
Topic: 945 Message: 967

Thank you for the pointer. I noticed that the same problem
with reduced audio level exists with other Icom equippment
that use the UT-106. Must be the audio out from the UT-106
that is too low.

The R75 schematics shows that is just a simple cut of a
trace, or lift a capacitor, and adding a jumper so that
the audio goes thru the pin of the voice synth UT-102.
Then there is a pot that can be adjusted for the audio
level comming from the UT-106.

I probably have to back-trace the UT-106 to be able to
do any mods to it, instead of just compensating for the
problem in the R75.

Ubbe.

> > Do you know if there is schematics available on the net
> > for the UT106 or R75
>
> the R75 schematics are located in the 'files' section of
> this group under 'information'... schematics.pdf
>
> phil

968. Re: [icomr75] filter questions

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-07 13:38:13 UTC
From: Tim and Nancy Logan
Topic: 961 Message: 968

Gert - I'm sorry I did not get back to you sooner to thank you for your reply re. cascaded filters etc. It cleared up my confusion and was very much appreciated. Thank you for taking the time to lay it all out. I'm curious as to what your "favorite" type of listening is and what you sey up as filters for yourself? Regards, KB7OEX Tim Logan Gilbert, AZ

Gert Nilsson wrote:
>
> Crystal filters for 455 kHz are very pricey. In Sweden the price of the INRAD and ICOM filters are about the same. (Around 160$)
> THe 9 MHz filters are a little less expensive. ICOM 60US$ and INRAD 95@ I think.
>
> You are correct about the different filters sections. The are cascaded, but you can select filters independently. If you buy the 1,9 + 3,3 kHz you have the following alternatives:
>
> 9 MHz : Bypass, 2,4 and 1,9 kHz
>
> 455/450 kHz: 2,4 + 3,3 + 6 + 15 kHz
>
> You can have 3 different combiations. I would recommend you this for SSB and ECSS reception:
>
> Narrow: 1,9 + 2,4
> Normal 2,4 + 3,3
> Wide Bypass (=15 kHz) + 3,3 kHz
>
> For AM
>
> Narrow 1,9 + 2,4
> Normal15 + 3,3
> Wide 15 + 6 kHz
>
> AM-S (?No 455 kHz filters available so no really good combinations)
>
> Narrow 2,4 + 6 kHz
> Normal 15 + 6 kHz
> Wide 15 + 15
>
> [Non-text portions of this message have been removed]
>
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969. Re: [icomr75] Question re: filters and mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-07 13:43:15 UTC
From: Tim and Nancy Logan
Topic: 945 Message: 969

I have not yet received the dsp unit from ICOM (sent the coupon in a week ago), what audio drop have you experienced? Also, I'm no tech person but if the drop relates to the UT106 itself and any of you are smart enough to locate the cause and suggest a mod - well, I'd live to know what the mod is! Thanks and have a good week folks! 73/KB7OEX Tim Logan Gilbert, AZ

Gert Nilsson wrote:
>
> Do you know if there is schematics available on the net for
> the UT106 or R75 so one could locate a resistor to change
> to get rid of the annoying audio drop?
> Sorry I do not!
>
> [Non-text portions of this message have been removed]
>
>
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970. Re: [icomr75] Question re: filters and mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-07 13:47:52 UTC
From: Tim and Nancy Logan
Topic: 945 Message: 970

Ooops - change "live" to "love" sheeesh. Tim

Tim and Nancy Logan wrote:
>
> I have not yet received the dsp unit from ICOM (sent the coupon in a
> week ago), what audio drop have you experienced? Also, I'm no tech
> person but if the drop relates to the UT106 itself and any of you are
> smart enough to locate the cause and suggest a mod - well, I'd live to
> know what the mod is! Thanks and have a good week folks! 73/KB7OEX Tim
> Logan Gilbert, AZ
>
> Gert Nilsson wrote:
> >
> > Do you know if there is schematics available on the net for
> > the UT106 or R75 so one could locate a resistor to change
> > to get rid of the annoying audio drop?
> > Sorry I do not!
> >
> > [Non-text portions of this message have been removed]
> >
> >
> > To unsubscribe from this group, send an email to:
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> >
> >
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971. Re: [icomr75] Re: Question re: filters and mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-08 00:56:42 UTC
From: Urban Larsson
Topic: 945 Message: 971

I can't modify the R75 because the ANF mode doesn't drop the audio.
So I have to find a schematic of the UT-106 to help me a bit on
the way.

Urban Larsson wrote:
>
> I probably have to back-trace the UT-106 to be able to
> do any mods to it, instead of just compensating for the
> problem in the R75.
>
> Ubbe.
>
> > > Do you know if there is schematics available on the net
> > > for the UT106 or R75
> >
> > the R75 schematics are located in the 'files' section of
> > this group under 'information'... schematics.pdf
> >
> > phil

972. R57 prices...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-08 21:36:12 UTC
From: handheld45
Topic: 972 Message: 972

I am going to purchase a R75 in the very near future. I want to get it while the free DSP is still being offered. The best price I have found is $569.99 + S&H. Does anyone know of lower prices being offered? I know this post is a bit self serving, however I 'm on a limited budget and looking for the best deal I can get.

Thanks,

Sean KG6GIY
handheld45@...

973. Re: R57 prices...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-08 23:11:37 UTC
From: rsakabu
Topic: 972 Message: 973

--- In icomr75@y..., "handheld45" <handheld45@y...> wrote:
> I am going to purchase a R75 in the very near future. I want to
get
> it while the free DSP is still being offered. The best price I
have
> found is $569.99 + S&H. Does anyone know of lower prices being
> offered? I know this post is a bit self serving, however I 'm on a
> limited budget and looking for the best deal I can get.
>
> Thanks,
>
> Sean KG6GIY
> handheld45@y...

You can take your chances and get a used one. I got mine from a ham web site classified with the DSP in the original box with manual in excellent condition for $500. That seems to be close to the going price for a used one. Ham sites tend to make me a little less nervous than a place like ebay, but my suceess rate with ebay has been good also.

974. Re: [icomr75] R57 prices...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-08 23:16:48 UTC
From: Clifton Turner
Topic: 972 Message: 974

Check with KJI Electronics at 973-239-4389 (NJ). I just bought one for
509.95 .
I'm not affiliated with them in any way (except as a satisfied customer).

Good Luck
Clifton

At 09:36 PM 1/8/02 +0000, you wrote:
>I am going to purchase a R75 in the very near future. I want to get
>it while the free DSP is still being offered. The best price I have
>found is $569.99 + S&H. Does anyone know of lower prices being
>offered? I know this post is a bit self serving, however I 'm on a
>limited budget and looking for the best deal I can get.
>
>Thanks,
>
>Sean KG6GIY
>handheld45@...
>
>
>
>To unsubscribe from this group, send an email to:
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975. Re: R57 prices...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-09 00:09:22 UTC
From: just_rtfm
Topic: 972 Message: 975

i'll second that... KJI is great. you'll talk to Gene, he is the owner... and electrical engineer and lifelong ham. i bought mine from him about 2 months ago. he's been in the business almost 20 years... his prices are great (best i could find) and so is the service. he's big on ICOM with plenty of stock.

phil :)

976. Re: [icomr75] Re: R57 prices...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-09 02:32:04 UTC
From: Dave
Topic: 972 Message: 976

HRO in Burbank sold me mine for $475 (a one-day factory sale I knew nothing about until I walked in the place). We had to get Seattle or wherever to fax us coupons. The DSP was list price.

dr
----- Original Message -----
From: just_rtfm
To: icomr75@yahoogroups.com
Sent: Wednesday, January 09, 2002 00:09
Subject: [icomr75] Re: R57 prices...

i'll second that... KJI is great. you'll talk to Gene, he is the
owner... and electrical engineer and lifelong ham. i bought mine from
him about 2 months ago. he's been in the business almost 20 years...
his prices are great (best i could find) and so is the service. he's
big on ICOM with plenty of stock.

phil :)

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[Non-text portions of this message have been removed]

977. Re: R57 prices...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-09 06:40:39 UTC
From: just_rtfm
Topic: 972 Message: 977

last i heard Gene (KJI) had the unit for $520, their normal price.
since he is a licensed ICOM dealer you should get the DSP free.

phil :)

979. R75 or FRG100

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-10 00:29:53 UTC
From: proverbs_uk
Topic: 979 Message: 979

HI there just joined the group and I must say plenty off info.

I live in the Northern Ireland (UK) and was Thinking of buying a new radio ICOM R75E, IcomPCR1000 or Yaesu FRG100, the R75E did catch my eye the most. My second choice would have been the FRG100, will the R75 out prefrom the FRG100.

I was going to buy the FRG100+FM with free PSU and a Wellbrook ALA1300 loop anttenna the price came to about £560GBP. But would I be
better of buying the R75 at nearly the same price £579 without the ALA1530

I was going to order the R75 from Waters & Stanton PLC in England the price they are quoting was £579 with PSU plus £3.00 P+P. Is
this cheap and has anyone ever brought from this company in the pass.

What ever radio I get, it will most certainly out preform my Radio Shack DX-349 GCR.

good day to all and "Happy New Year"

980. Re: [icomr75] R75 or FRG100

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-10 00:51:00 UTC
From: eb
Topic: 979 Message: 980

On Thu, 10 Jan 2002 00:29:53 -0000, you wrote:

>HI there just joined the group and I must say plenty off info.
>
>I live in the Northern Ireland (UK) and was Thinking of buying a new
>radio ICOM R75E, IcomPCR1000 or Yaesu FRG100, the R75E did catch my
>eye the most. My second choice would have been the FRG100, will the
>R75 out prefrom the FRG100.
>
>I was going to buy the FRG100+FM with free PSU and a Wellbrook
>ALA1300 loop anttenna the price came to about £560GBP. But would I
>be
>better of buying the R75 at nearly the same price £579 without the
>ALA1530
>

You very wisely mention your concern for a good antenna....if those
two scenarios are your options for some time i would go for the FRG100
and the Wellbrook. Great combo I think....as are the R75 and the
Wellbrook...

This antenna is absolutely superb and you will have to remember that
your reciever in general is no better than your antenna

Hope whatever you choose will make you happy about your radio.

Best Regards / Med Venlig Hilsen
Stephan Larsen

Listening to the World from...

True by Mariager - Middle & East part of Jutland-Denmark
56.35N, 9.5605E
Local time (EST) is UTC +1 hours

NRD 545/G DSP & Wellbrook ALA1530. ICOM R8500 & Discone and Alpha Delta.
ICOM R75 & ALpha Delta. Sony SW77 & Whip. Aor 8200. Uniden UBXLT9000
Icom R2. RS 2006 & "What-have-we-antenna". Optoscout M40.

All my out/in going emails are virus-scanned.

981. Re: [icomr75] R75 or FRG100

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-10 02:37:31 UTC
From: André Santos
Topic: 979 Message: 981

Go for the R75. You don't need the ALA 1530 right now, just take some wire and make a very nice antenna expending no more than £15 pounds.
Sure, the FRG100 is a very good receiver indeed and has the name yaesu that speaks for itself. If you thing just about casual AM/SSB reception, the FRG100 would be more than adequate, but if you want to go a bit further you must get the R75. I've got both radios here so I can say that the icom is a better deal if you are looking for dx reception. The yaesu does not have the dual passband, noise reduction dsp, dual RF pre amp and keypad, quite helpful features. Also, the R75's menu is a plus comparing to the FRG100. Final, you don't need an optional computer interface to plug the R75 in you PC.
One thing that I would like to see on the R75 is the analog s-meter that comes in the yaesu. The R75 s-meter is not very acurate.
Hope I have helped some way.
Happy New Year,

Andre Santos
Fortaleza - CE - Brazil

----- Original Message -----
From: proverbs_uk
To: icomr75@yahoogroups.com
Sent: Wednesday, January 09, 2002 9:23 PM
Subject: [icomr75] R75 or FRG100

HI there just joined the group and I must say plenty off info.

I live in the Northern Ireland (UK) and was Thinking of buying a new radio the ICOM R75E, ICOM PCR100, Yaesu FRG100, the R75E did catch my eye the most. My second choice would have been the FRG100 will the R75 out prefrom the FRG100.

My delema did I was going to buy the FRG100+FM with free PSU and a Wellbrook ALA1300 loop anttenna the price came to about £560GBP. Would I be better of buying the R75 at nearly the same price £579 without the ALA1530

I was going to order the R75 from Waters & Stanton PLC in England the price they are quoting was £579 with PSU plus £3.00 P+P. Is this cheap and has anyone ever brought from this company in the pass.

What ever radio I get, it will most certainly out preform my Radio Shack DX-349 GCR.

good day to all and "Happy New Year"

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[Non-text portions of this message have been removed]

982. Re: [icomr75] R75 or FRG100

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-10 03:43:04 UTC
From: efricha@dimensional.com
Topic: 979 Message: 982

>
> I live in the Northern Ireland (UK) and was Thinking of buying a new
> radio the ICOM R75E, ICOM PCR100, Yaesu FRG100, the R75E did catch my
> eye the most. My second choice would have been the FRG100 will the
> R75 out prefrom the FRG100.
>

As someone else stated, if you can, a random wire will do fine
as an antenna. I understand the Wellbrook is an excellent
antenna, but passive beats active generally.

I have an R-75 and used to own a FRG 100. They are close in
performance but have different sets of favorable characteristics.
What it comes down to is what you will be doing:

Pro R-75:
o Currently in production
o Direct keypad frequency entry
o DSP option along with filter options
o Includes FM mode and coverage to 60 MHz (at least in US)
o Tunes down to 1 Hz increments in CW/SSB.

Anti R-75:
o Sync AM useless without modifying the radio
o AM sounds harsh
o Carrying handle an option.

Pro FRG 100:
o Nice sounding AM and SSB audio
o Filter options available

Anti FRG 100:
o "Chuffs" when tuned rapidly
o No direct frequency entry (But still easy to move around bands)
o No DSP option
o No Sync AM; FM an option
o Out of production
o Battery maintains memories (ICOM battery only runs clock)
o Oddball power connector on back should you want to run from 12 VDC.
(Use ICOM CP-13 Cig Ltr adapter, designed for HTs. Has right plug.)

Everything else, IMHO, is a wash. Both are excellent "low end" desktop
receivers, very sensitive, very useable. Both are quite stable but
do drift a bit; both have TXCO options, "fixes" and mods from KIWA
and over the net. Both are built well mechanically.

If you do mostly program listening, consider the FRG. If you do
a lot of ute listening, go directly to the ICOM. IMHO.

Eric

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

983. 100 vs 75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-10 06:25:44 UTC
From: philberttroy
Topic: 983 Message: 983

I have both of these radios and in my humble yet loveable opinion I must beg to differ with the previous posters. The 100 is clearly a step down from the 75. In fact, my 75 out does a highly modified jrc 535d that I have here in the shack. I would definately not consider the jrc "low end" and the 75 is superior in terms of overall sensitivity and useable features. My 75 has all the KIWA modifications and I am glad that I had them done. Filter selection now makes sense and the sync. works a bit better on selective fading conditions. The audio is better now.
The 75 is the best radio I have, out of over 20.
The more I use it the more I want to use it. It is a perfect marriage of ergonomics and functional features. Light and effervesant like morning dew on a downy leaf..........hahahaha.
I realize this radio is no wadkins or 340 but it is not a 3600 dollar radio either.
Good luck in your choices and believe me get ready to have some fun.

984. Re: R75 or FRG100

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-10 09:38:41 UTC
From: just_rtfm
Topic: 979 Message: 984

hello!

get an R75! you will LOVE it compared to a portable. the FRG100 is not a bad radio but the R75 is better. the FRG has been discontinued, has a small screen, and has no keypad. the R75 has a great DSP for noise reduction, has twin-PBT, is very well built, has a very sharp and bright display. as far as the antenna goes all you need is a random wire one... hook 50' of wire into the terminal in the back and put it up as high as you can.

phil :)

985. Ref: R75 or FRG100

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-10 10:56:46 UTC
From: proverbs_uk
Topic: 985 Message: 985

Thankyou all For replying to my Question, it has Greatly Help me in choosing a radio,
did'nt expect such a big response, you all seen to have great Group keep it up,

The R75E looks like a Excellent radio also meets my needs.

At the moment i am using A random wire and old Antron 99'CB anttenna with a Global AT-2000 ATU. So I will probally take everyones advice and Skip the Wellbrook ALA1350 and buy it at a later stage.

Thanks again. God bless!

986. Re: R75 or FRG100 (long reply)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-10 17:37:00 UTC
From: rsakabu
Topic: 979 Message: 986

I also have both receivers and believe that the R-75 is about twice the receiver the FRG-100 is. Since I got the Yaesu for about half of what I paid for the R-75, I think it is a pretty good value, but if you can possibly afford the price difference, definitely go with the Icom.

Along with the other excellent opinions and observations, I must also add that if you do indeed get a FRG-100, make sure you have a way of ATTENUAING the signal before it gets into your radio. In Europe, I believe that you are not going to have to worry at all about sensitivity, but selectivity and overload. The FRG-100 is a hot receiver and as Radio Netherland's review states "perhaps too hot". I live on the "quiet" west coast of the US and most signals on the FRG-100 some in at S9+. The FRG-100 actually does not overload, which would cause desensitivity on nearby weaker signals, but the AGC kicks in very strongly and has a much faster attack time than decay time. What that means is that while you are "channel surfing", if you tune past a very strong signal, you will likely miss a weak signal nearby unless you tune very slowly and wait for the S-meter to settle down after passing the strong signal. This is also very apparent when pops and crackles come in. Fortunately, the noise blanker works very good at removing noise that comes from electrical switches and relays (as does the R-75).

A nice thing about the FRG-100 is that the antenna selection between a long wire and SO-239 connection is a hardware switch. That means you don't have to reprogram memories if you change antenna systems. The bad thing is you have to reach in back of the radio to switch antenna inputs if you have more than one antenna source and cannot do it with a push of a front button as on the R-75.

I made an attenuator out of a rotary 100K logarithmic potentiometer and it works nicely at taming strong signals. Much of the time, I also have both the 6dB and 12dB attenuators turned "on" while using the FRG-100.

In terms of direct input tuning, I don't find the lack of it on the FRG-100 to be much of a hindrance at all. With the user selectable "fast" rate and the band switching mode of the up/down keys, I can get around the HF spectrum as quickly as needed. The memory mode lets you select a memory then tune away from it without having to go into VFO mode. When you switch to CW mode, the radio automatically tunes to 600 Hz away from your current location. It also lets you hear AM or SSB modes through the CW filter which allows for another bandwidth setting. There are a lot of user definable settings on the FRG-100 that make it fun to tinker with like beep

volume/frequency, tuner adjustment/alignment from the front panel (so USB and LSB are placed wherever you like). Lots to tinker with, lots to get you into trouble, but all reversible with a system reset.

The place where the R-75 really surpasses the FRG-100 is at non-SWBC listening. This includes, amateur radio and global aircraft transmissions on SSB. In crowded ham situations, the twin passband filtering easily knocks out nearby "monkey chatter" much better than some receivers that only have IF shift and is more flexible than a fixed narrow band filter. If a nearby carrier is causing a "whistling" on the conversation, just push the ANF and it goes away (DSP required). The DSP noise reduction works pretty good, but on SSB signals, I often prefer to use the variable RF gain control to cut down the signal until the noise goes away, then turn the volume back up. I also like the fact that you can computer control the R-75 with a straight through serial cable and not have to buy/make a special voltage converter cable to talk to it.

In terms of sound, the R-75 is optimized for voice communications (it is built on the same chassis as the Icom 718 transceiver) and sounds a little harsh on SWBC. The Yaesu has an annoying top firing speaker and sounds muffled. However, both receivers sound great with an external speaker. I use the RCA Pro-X33A speaker from Radio Shack. On SWBC, it brings back the rich sounds reminiscent of the FRG-7700 and still sounds good with ham signals. Best of all, it is only $20 when it goes on sale about every other month.

I didn't get a Yaesu power supply when I got the FRG-100, and was dismayed when I discovered the odd power plug. I found an electronic surplus store that had the right plugs and power supplies at a good price. If anyone needs one, look for the power supply or plug that fits the Media Vision Reno CD-ROM player. It supplies 1.5A. I got the P/S for $5-$10 (I don't recall).

Bottom line: The FRG-100 is a competent tabletop receiver at a very good price, especially used. However, if you can possibly afford the price difference, go for the R-75, you will not regret it.

Good luck and 73,
Roy

987. Re: [icomr75] Re: R75 or FRG100 (long reply)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-10 19:43:39 UTC
From: Bruce Jensen
Topic: 979 Message: 987

I agree with all of the following, but note...the
little RCA-Radio Shack speaker mentioned (Pro-X33A),
while it does sound very good on this radio, has gone
bad on me quickly (2 months) and I cannot open it up
to see what, if anything, is rattling and introducing
distortion. It is rated for 15 watts, and has never
had any more pumped through it than the 1.5 W max
output from the R75. Be sure to save the receipt.

Bruce Jensen
****

--- rsakabu <rsakabu@...> wrote:
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> the receiver the FRG-100 is. Since I got the Yaesu
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=====
Bruce Jensen, associate of:
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
American Coaster Enthusiasts http://www.aceonline.org/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

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988. Re: [icomr75] Re: R75 or FRG100 (long reply)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-11 00:38:16 UTC
From: Dave
Topic: 979 Message: 988

Is that 15 Watts continuous pink noise or 15 Watts peak? If it's 15 peak, figure 3.5 RMS. A 1.5 W source, clipping moderately, can smoke it.

dr
----- Original Message -----
From: Bruce Jensen
To: icomr75@yahoogroups.com
Sent: Thursday, January 10, 2002 19:43
Subject: Re: [icomr75] Re: R75 or FRG100 (long reply)

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Bruce Jensen, associate of:
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ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

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[Non-text portions of this message have been removed]

989. Re: R75 or FRG100 (long reply)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-11 00:48:50 UTC
From: just_rtfm
Topic: 979 Message: 989

you should feed amp-type speakers setups with the output that comes out of the back 'ext speaker' jack... it is more like a 'line out' jack. feeding an amp 1.5 watts is too much.

phil

990. Re: [icomr75] Re: R75 or FRG100 (long reply)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-11 05:55:27 UTC
From: Bruce Jensen
Topic: 979 Message: 990

It probably means 15W peak (I didn't see any basis,
either peak or RMS); but the R75 simply doesn't get
that loud, and I never played it that loud. In fact,
there have been many times when I could NOT turn up
the volume loud enough to get enough sound, and my
hearing's fine.

Honestly, I think the speaker is designed to manage
more than 3.5 W continuous or RMS.

Bruce Jensen
****
--- Dave <rickets@...> wrote:
> Is that 15 Watts continuous pink noise or 15 Watts
> peak? If it's 15 peak, figure 3.5 RMS. A 1.5 W
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> dr
> ----- Original Message -----
> From: Bruce Jensen
> To: icomr75@yahoogroups.com
> Sent: Thursday, January 10, 2002 19:43
> Subject: Re: [icomr75] Re: R75 or FRG100 (long
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> > location. It
> > also lets you hear AM or SSB modes through the
> CW
> > filter which allows
> > for another bandwidth setting. There are a lot
> of
> > user definable
> > settings on the FRG-100 that make it fun to
> tinker
> > with like beep
> > volume/frequency, tuner adjustment/alignment
> from
> > the front panel (so
> > USB and LSB are placed wherever you like). Lots
> to
> > tinker with, lots
> > to get you into trouble, but all reversible with
> a
> > system reset.
> >
> >
> > The place where the R-75 really surpasses
> the
> > FRG-100 is at non-
> > SWBC listening. This includes, amateur radio
> and
> > global aircraft
> > transmissions on SSB. In crowded ham
> situations,
> > the twin passband
> > filtering easily knocks out nearby "monkey
> chatter"
> > much better than
> > some receivers that only have IF shift and is
> more
> > flexible than a
> > fixed narrow band filter. If a nearby carrier
> is
> > causing
> > a "whistling" on the conversation, just push the
> ANF
> > and it goes away
> > (DSP required). The DSP noise reduction works
> > pretty good, but on
> > SSB signals, I often prefer to use the variable
> RF
> > gain control to
> > cut down the signal until the noise goes away,
> then

> > turn the volume
> > back up. I also like the fact that you can
> computer
> > control the R-75
> > with a straight through serial cable and not
> have to
> > buy/make a
> > special voltage converter cable to talk to it.
> >
> > In terms of sound, the R-75 is optimized
> for
> > voice
> > communications (it is built on the same chassis
> as
> > the Icom 718
> > transceiver) and sounds a little harsh on SWBC.
> The
> > Yaesu has an
> > annoying top firing speaker and sounds muffled.
> > However, both
> > receivers sound great with an external speaker.
> I
> > use the RCA Pro-
> > X33A speaker from Radio Shack. On SWBC, it
> brings
> > back the rich
> > sounds reminiscent of the FRG-7700 and still
> sounds
> > good with ham
> > signals. Best of all, it is only $20 when it
> goes
> > on sale about
> > every other month.
> >
> > I didn't get a Yaesu power supply when I
> got
> > the FRG-100, and
> > was dismayed when I discovered the odd power
> plug.
> > I found an
> > electronic surplus store that had the right
> plugs
> > and power supplies
> > at a good price. If anyone needs one, look for
> the
> > power supply or
> > plug that fits the Media Vision Reno CD-ROM
> player.
> > It supplies
> > 1.5A. I got the P/S for $5-$10 (I don't

> recall).
> >
> > Bottom line: The FRG-100 is a competent tabletop
> > receiver at a very
> > good price, especially used. However, if you
> can
> > possibly afford the
> > price difference, go for the R-75, you will not
> > regret it.
> >
> > Good luck and 73,
> > Roy
> >
> >
>
>
> =====
> Bruce Jensen, associate of:
> The Astronomy Connection http://observers.org/
> Internat'l DarkSky Ass'n
> http://www.darksky.org/~ida/
> American Coaster Enthusiasts
> http://www.aceonline.org/
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>
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>
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>
> [Non-text portions of this message have been
> removed]
>

>

=====
Bruce Jensen, associate of:
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Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
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991. Re: [icomr75] Re: R75 or FRG100 (long reply)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-11 15:46:36 UTC
From: efricha@dimensional.com
Topic: 979 Message: 991

>
> It probably means 15W peak (I didn't see any basis,
> either peak or RMS); but the R75 simply doesn't get
> that loud, and I never played it that loud. In fact,
> there have been many times when I could NOT turn up
> the volume loud enough to get enough sound, and my
> hearing's fine.
>
> Honestly, I think the speaker is designed to manage
> more than 3.5 W continuous or RMS.
>

The problem is that many people don't realise that one of
the easiest ways to blow a speaker is to UNDERpower it.
If the amp on the radio is driven to clipping, at best it
will put out square waves, with all that energy in the
harmonics. Problem is, the voice coil simply cannot move
that fast, so the energy is dissipated as heat.

Good, high end audio amps deal with this problem well, but
I think everyone appreciates that the money in these receivers
isn't spent on the audio amp.

Eric

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

992. Re: [icomr75] Re: R75 or FRG100 (long reply)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-11 16:50:57 UTC
From: Dave
Topic: 979 Message: 992

I like Barjan speakers (made for 2-way radios, 3.5 mm plug fitted, crinkle finish matches R75). They are available at CB shops, truck-stops, etc.

I have come to expect that anything from Radio Shack is less than it seems.

dr

----- Original Message -----
From: efricha@...
To: icomr75@yahoogroups.com
Cc: Eric F. Richards
Sent: Friday, January 11, 2002 15:46
Subject: Re: [icomr75] Re: R75 or FRG100 (long reply)

> It probably means 15W peak (I didn't see any basis,
> either peak or RMS); but the R75 simply doesn't get
> that loud, and I never played it that loud. In fact,
> there have been many times when I could NOT turn up
> the volume loud enough to get enough sound, and my
> hearing's fine.
>
> Honestly, I think the speaker is designed to manage
> more than 3.5 W continuous or RMS.
>

The problem is that many people don't realise that one of
the easiest ways to blow a speaker is to UNDERpower it.
If the amp on the radio is driven to clipping, at best it
will put out square waves, with all that energy in the
harmonics. Problem is, the voice coil simply cannot move
that fast, so the energy is dissipated as heat.

Good, high end audio amps deal with this problem well, but
I think everyone appreciates that the money in these receivers
isn't spent on the audio amp.

Eric

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

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[Non-text portions of this message have been removed]

993. Re: [icomr75] Re: R75 or FRG100 (long reply)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-11 16:58:59 UTC
From: Bruce Jensen
Topic: 979 Message: 993

Hello - So what type of speaker, then, would be ideal
for the R75? Rated power and type? The R75 begs for
an external speaker, and if I don't have to pay the
exorbitant price that the radio companies charge for
their speakers, I'm interested...

Thanks,
Bruce Jensen
****
--- efricha@... wrote:
> >
> > It probably means 15W peak (I didn't see any
> basis,
> > either peak or RMS); but the R75 simply doesn't
> get
> > that loud, and I never played it that loud. In
> fact,
> > there have been many times when I could NOT turn
> up
> > the volume loud enough to get enough sound, and my
> > hearing's fine.
> >
> > Honestly, I think the speaker is designed to
> manage
> > more than 3.5 W continuous or RMS.
> >
>
> The problem is that many people don't realise that
> one of
> the easiest ways to blow a speaker is to UNDERpower
> it.
> If the amp on the radio is driven to clipping, at
> best it
> will put out square waves, with all that energy in
> the
> harmonics. Problem is, the voice coil simply cannot
> move
> that fast, so the energy is dissipated as heat.
>
> Good, high end audio amps deal with this problem
> well, but
> I think everyone appreciates that the money in these
> receivers
> isn't spent on the audio amp.
>

> Eric
>
> --
> Eric F. Richards
> efricha@...
> "The weird part is that I can feel productive even
> when I'm doomed."
> - Dilbert
>

=====
Bruce Jensen, associate of:
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
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994. Re: [icomr75] Re: R75 or FRG100 (long reply)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-11 17:23:44 UTC
From: efricha@dimensional.com
Topic: 979 Message: 994

>
> Hello - So what type of speaker, then, would be ideal
> for the R75? Rated power and type? The R75 begs for
> an external speaker, and if I don't have to pay the
> exorbitant price that the radio companies charge for
> their speakers, I'm interested...
>
> Thanks,
> Bruce Jensen
>

I use headphones. :-)

Actually, any *sensitive* speaker at 8 ohms would do fine,
but if it is a current design made for a car, it's a bad
choice -- these speakers have very small magnets and requre
enormous amounts of power to get anything out of them. (You
didn't think that those 200 Watt stereos were all that much
louder than the 4 Watt ones that fed speakers with 10 pound
magnets, did you?)

Sensitivity is measured in SPL (sound pressure level). The
higher the better. If you need to *really* crank up the volume
for a normal listening level, it's a bad choice. Keep that in
mind when concentrating on finding that weak signal in the
noise... if it sounds like the speaker or the amp is distorting,
back off FAST. You can destroy the voice coil instantly and
specacularly.

(As an aside, an audio engineer wrote a column for net.audio,
a newsgroup on usenet prior to the Great Renaming... one of
his stories was about teaching a lesson to sales-weenies that
were passing off a high-end set of speakers as indestructible,
and he used a 20 Watt/ch Pioneer amp and a turntable, and skittered
the needle across an LP (with volume at full) and was rewarded
with blue flashes and smoke from the tweeters of the speakers.
Anyone else remember "The Audio Anecdote of the [interval]?")

You probably can do okay with the R/S speakers, if they are
sensitive enough and handled well enough. You might consider
buying just a full-range driver and building your own case.

For my radios that I use external speakers on, I use passive
Yamaha PC speakers I got at a hamfest for $5. I can use one
of those if I really need it.

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

995. Re: [icomr75] Re: R75 or FRG100 (long reply)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-11 18:05:51 UTC
From: Dave
Topic: 979 Message: 995

The Barjan Pronouncer (photo may be attached).

dr
----- Original Message -----
From: efricha@...
To: icomr75@yahoogroups.com
Cc: Eric F. Richards
Sent: Friday, January 11, 2002 17:23
Subject: Re: [icomr75] Re: R75 or FRG100 (long reply)

>
> Hello - So what type of speaker, then, would be ideal
> for the R75? Rated power and type? The R75 begs for
> an external speaker, and if I don't have to pay the
> exorbitant price that the radio companies charge for
> their speakers, I'm interested...
>
> Thanks,
> Bruce Jensen
>

[Non-text portions of this message have been removed]

996. Re: [icomr75] Re: R75 or FRG100 (long reply)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-11 18:42:12 UTC
From: Bruce Jensen
Topic: 979 Message: 996

Thanks, Eric - I'll hunt down one of these :-)

Bruce Jensen
****
--- Dave <rickets@...> wrote:
> The Barjan Pronouncer (photo may be attached).
>
> dr
> ----- Original Message -----
> From: efricha@...
> To: icomr75@yahoogroups.com
> Cc: Eric F. Richards
> Sent: Friday, January 11, 2002 17:23
> Subject: Re: [icomr75] Re: R75 or FRG100 (long
> reply)
>
>
> >
> > Hello - So what type of speaker, then, would be
> ideal
> > for the R75? Rated power and type? The R75
> begs for
> > an external speaker, and if I don't have to pay
> the
> > exorbitant price that the radio companies charge
> for
> > their speakers, I'm interested...
> >
> > Thanks,
> > Bruce Jensen
> >
>
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

=====
Bruce Jensen, associate of:
The Astronomy Connection http://observers.org/
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997. Re: [icomr75] Re: R75 or FRG100 (long reply)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-11 18:47:24 UTC
From: efricha@dimensional.com
Topic: 979 Message: 997

>
> Thanks, Eric - I'll hunt down one of these :-)
>
> Bruce Jensen
> **********
> --- Dave <rickets@...> wrote:
>

Uhh.... thank *Dave*. :-)

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

998. Re: [icomr75] Re: R75 or FRG100 (long reply)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-11 19:41:27 UTC
From: Bruce Jensen
Topic: 979 Message: 998

Thank you Dave! Sorry for the mixup :-)

Bruce Jensen
****
--- efricha@... wrote:
> >
> > Thanks, Eric - I'll hunt down one of these :-)
> >
> > Bruce Jensen
> > **********
> > --- Dave <rickets@...> wrote:
> >
>
> Uhh.... thank *Dave*. :-)
>
>
> --
> Eric F. Richards
> efricha@...
> "The weird part is that I can feel productive even
> when I'm doomed."
> - Dilbert
>

=====
Bruce Jensen, associate of:
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999. Re: [icomr75] Re: R75 or FRG100 (long reply)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-12 03:06:32 UTC
From: Dave
Topic: 979 Message: 999

It didn't post. I'll see if I can put it in the Group Files.

dr
----- Original Message -----
From: Dave
To: icomr75@yahoogroups.com
Cc: Eric F. Richards
Sent: Friday, January 11, 2002 18:05
Subject: Re: [icomr75] Re: R75 or FRG100 (long reply)

The Barjan Pronouncer (photo may be attached).

dr
----- Original Message -----
From: efricha@...
To: icomr75@yahoogroups.com
Cc: Eric F. Richards
Sent: Friday, January 11, 2002 17:23
Subject: Re: [icomr75] Re: R75 or FRG100 (long reply)

>
> Hello - So what type of speaker, then, would be ideal
> for the R75? Rated power and type? The R75 begs for
> an external speaker, and if I don't have to pay the
> exorbitant price that the radio companies charge for
> their speakers, I'm interested...
>
> Thanks,
> Bruce Jensen
>

[Non-text portions of this message have been removed]

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1000. New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-12 03:12:02 UTC
From: icomr75@yahoogroups.com
Topic: 242 Message: 1000

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the icomr75
group.

File : /Photos/P1110014.JPG
Uploaded by : ricketzz <ricketzz@...>
Description : Barjan Speaker

You can access this file at the URL

http://groups.yahoo.com/group/icomr75/files/Photos/P1110014.JPG

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

ricketzz <ricketzz@...>

1001. Re: [icomr75] Antenna for limited spaces

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-12 04:34:20 UTC
From: Jean Jacquemin
Topic: 928 Message: 1001

Sorry for this late answer...
Have a look at :
http://www.wellbrook.uk.com

The ALA 1530 and ALA 100 make wonders in limited space and apartments. I've been using them both for NDB Dxing and found them to overperform a 150' long wire outdoors .
You may well install a ALA 100 in your attic , with two, or
more crossed loops . It's a very sensible and quiet antenna
especially below 25 Mhz.
You may e-mail me for more information.
Jean jacquemin
jeanjac@...

----- Original Message -----
From: danbar_54
To: icomr75@yahoogroups.com
Sent: Friday, December 28, 2001 2:08 PM
Subject: [icomr75] Antenna for limited spaces

I will be purchasing an IC-R75 and would like begin DX'ing, not
casual listening. I can only install an external antenna in my attic
which is about 30' long. I was wondering if I could use a high
performance antenna like the DX-Ultra, and simply form a "U" by
attaching the anttena to the rafters, instead of stretching it out
end to end? This antenna should be able to support the full frequency
bands of this receiver (0 to 60mhz)...An antenna tuner would not be
out of the question. My only other SW radio is a Zenith Royal
Transoceanic 3000-1.
Thanks,
Dan

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[Non-text portions of this message have been removed]

1002. speakers/phones

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-12 11:36:26 UTC
From: Jem Cullen
Topic: 1002 Message: 1002

I like this thread a lot!
I am interested in recommendations for both speakers and phones.

I find some Hi-fi style phones and speakers sound either too BOOMY -great for rock mx but makes the audio wierd- or very toppy which brings out the static.

so any recommends for ones suited to our needs?

73 de jem
vk2jemGet more from the Web. FREE MSN Explorer download : http://explorer.msn.com

[Non-text portions of this message have been removed]

1003. Re: [icomr75] Re: R57 prices...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-12 22:18:14 UTC
From: Rp
Topic: 972 Message: 1003

I third it, just got mine (Gene says it's going to 520 or 529) for 509 and he even wrote me instructions on how to build an antenna in my attic. Just finished with it today and it seems to work! All I need to do now it get the long wire antenna out.

So what is the difference and what ranges do both antenna's work, what bands does the long wire do better for?

Also is there a poster one could get that shows band and associated freq's, and other things? (I a newbie)

Thanks!
-----Original Message-----
From: just_rtfm <just_rtfm@...>
To: icomr75@yahoogroups.com <icomr75@yahoogroups.com>
Date: Tuesday, January 08, 2002 6:09 PM
Subject: [icomr75] Re: R57 prices...

i'll second that... KJI is great. you'll talk to Gene, he is the
owner... and electrical engineer and lifelong ham. i bought mine from
him about 2 months ago. he's been in the business almost 20 years...
his prices are great (best i could find) and so is the service. he's
big on ICOM with plenty of stock.

phil :)

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[Non-text portions of this message have been removed]

1004. Re: Antenna Wire Size

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-14 22:34:35 UTC
From: rolloatwerk
Topic: 957 Message: 1004

--- In icomr75@y..., "Dave" <rickets@s...> wrote:
> I've used the 21 g steel wire from the hardware store with good results. Comes in 100' rolls for about $5.

Sorry to reply to a reply but I couldn't find the original post.

A good source of high-quality antenna wire CHEAP is to go thru the yellow pages and find people who repair/rebuild/rewind electric motors.

They buy enamelled wire on huge spools, and often have leftovers that are plenty long for antennas but not long enough to do another motor. I found two places in my town. One was a big place, too much bureaucracy to sell me wire. The other was a "mom and pop" shop. Sold me 3 remnants--#18, #19 (yes they carry weird gauges), and #20 for $5 all told. He was glad to get it off the shelf.

And don't ignore plastic electric-fence insulators for about $2 a dozen at Home Depot...

The #18 wire is hanging between a tree and my roof right now in the form of a 100 foot random wire. I still have more left on the roll. The other two spools I might use for a broomstick or to wind chokes or something. Although I was eyeing a couple of other trees and might just build a delta loop. The R-75 DOES have 2 antenna inputs after all...

1005. ANTENNA EXPERIMENT ,

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-15 10:26:09 UTC
From: Zacharias Liangas
Topic: 1005 Message: 1005

Please submit your replies directly to me

ANTENNA EXPERIMENT

ON Saturday 12-1`and Sunday 13-1 I have made a temporary experimental dipole antenna with active elements of 12 m and 16 m. Wire used is 0.5m single copper wire

Receiver connection [say here twin wire] cable was a twin , stranded copper wire , of 0.15 mm each wire, length is about 6 m.

Dipole has been constructed having the same lengths for both parts however due to constraints of the garden a small part of the antenna has been folded
As the system is only temporary , I have supported this antenna into natural supports. Left part (the 16 m is suppored by another wire of same type , about 3 m and this over two antenna TV cables in order to be a little high.(abt 3 m from the ground) This connected to the balckpart of the twin wire
The other part is supported by 3 tress on nearly the same height but about 3.5 m of length has been wound due to constraints of the garden.This connected to the red part of the twin wire
This is the first experiment . Later this year i intend to install a multiband inverted V (5 dipoles connected tp a main) over the roof for a maximum length of 20 m per pole (fixed installation)
Two series of tests have been made :
Comparative dipole cs 16 m wire testing
Same testing but MFJ antenna tuner 16010 has been used
Results as opinion form:
Mysteriously when reversing the ☐poles' on the radio R75 ☐ is like using two diferent antennas , even when using the antenna tuner. Different signal levels and different noise levels and sometimes directivity It seems that ground does not play its role correctly (?)
Possbly due to very thin wire , most signal levels are lower than single wire antenna. I am correct? If thiis is true this diference can be 6 db lower dur to surface only.
At several bands though signal levels are lower than single wire antenna in most cases have lower noise levels . As in example 7120 IRRS at 0915 shown levels below S1 unit - still with the antenna tuner - but was noise free . IN contrast to it the single wire antenna shown levels of S3 full of noise (no signal was audible)
IN another example R cochiguaz 2120 on Sat 13 was audble (still as marginal) only with the dipole
Dipole has enhanced reception in my most un-useful bands: LRA Argentina feeeder at 29810 has 3 S units higher level than single wire More particularly: 29-25 , 14-13, 11-10 , 4-3, 1.6 Mhz shown enhanced reception
IN the highest bands both a capacitance and inductance are required to tune the dipole . IN the lower bands (from abt 7 Mhz and lower) only inductance is

required . On 9 MHz different antenna tunings are required between the single wire and dipole
Here are the measurements:
Legend:
AB black red (connected to input / ground correspondingly)
BA red black
Red: pole from the tree side
Black: the free to air wire
IN all these cases cables are connected to the 300 Ohm input
Measurements without antenna tuner

```
180 5 5 5
245 3.5 3 4.5
1448 7 3 5.5
1456 7.5 6 7
3870 9 7
3890 7.5 7 5
3945 7.5 7 3.5
4060 9 clr 7 5 QRN
5050 3.5 5.5 9
6060 0 0 7
6085 3 1.5 9
6460 4 9
7105 9 5 7
7120 0 0 4 only QRN
7160 3 2 6 much QRN
7250 +10
7265 4 3 5
7560 3.5 3 7
9320 4 4 7
11585 8 8 8
12015 6 5 2
14020 9 9 7
15172 9 AB 9 noise BA 9+10 16m
15630 5 QRN 7.75 clr 7
15685 2 AB 2BA 5
17548 7 5 5
21455 6 6.5
21660 7 5-7 3
```

```
measurements with antenna tuner MFJ 16010
```

```
268 4 3 4
747 8 9! 7
1600 9.5 9 8
5161 tty 8 4 5
5796 6 4 7
6060 2 5 full QRN
6165 5 6
7120 3@+10 3
7265 5 7
```

9515 7 7.5
11300 4 5 -
15000 5 4 6
15310 5 4 6
17335 7 5 6
21465 8.5 5.5
21845 8 5
25740 9 5
25740 9 10

_____
pen-DX sejak 72 - anggota World-DX-Club 2104,Play DX, dll
PP: R75/HF150/MVT7100/D2935 + 16m/1x1 +
MFJ16010/1040/1025/752c/462
http://www.geocities.com/zliangas/
/trip2k.htm (dlm Bkk,SNG,BAli) /MP3_comp.htm comparison Xing/Fastenc
/napa.htm crash test Napa DAV315 MP3 player

1006. Re: [icomr75] Antenna for limited spaces

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-15 10:22:04 UTC
From: eb
Topic: 928 Message: 1006

Hi Jean

Having an 1530 myself I have been contemplating getting a ALA100 (because those Wellbrook antenna's simply kick's a..) too.. you say you have mounted it in your attick ? How low noise is it ? i would have thougth that you would get <some> QRM...I have lots of space on my property but am limited in my ability to run feedlines to the house.

how did you "mount" it in the Attic ?...

kind regards

Stephan
Denmark

On Sat, 12 Jan 2002 05:34:20 +0100, you wrote:

>Sorry for this late answer...
>Have a look at :
>http://www.wellbrook.uk.com
>
> The ALA 1530 and ALA 100 make wonders in limited space and apartments. I've been using them both for NDB Dxing and found them to overperform a 150' long wire outdoors .
>You may well install a ALA 100 in your attic , with two, or
>more crossed loops . It's a very sensible and quiet antenna
>especially below 25 Mhz.
>You may e-mail me for more information.
>Jean jacquemin
>jeanjac@...
>
>
> ----- Original Message -----
> From: danbar_54
> To: icomr75@yahoogroups.com
> Sent: Friday, December 28, 2001 2:08 PM
> Subject: [icomr75] Antenna for limited spaces
>
>
> I will be purchasing an IC-R75 and would like begin DX'ing, not
> casual listening. I can only install an external antenna in my attic
> which is about 30' long. I was wondering if I could use a high
> performance antenna like the DX-Ultra, and simply form a "U" by
> attaching the anttena to the rafters, instead of stretching it out
> end to end? This antenna should be able to support the full frequency
> bands of this receiver (0 to 60mhz)...An antenna tuner would not be

> out of the question. My only other SW radio is a Zenith Royal
> Transoceanic 3000-1.
> Thanks,
> Dan
>
>
>
>
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>
>
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>

Stephan / 56.1670N, 9.5670E - Denmark'
NRD 545/ICOM R8500/ICOM R75 -- ALA1530/1010/MFJ1024

1007. Utility Station Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-15 13:59:50 UTC
From: kb7oex
Topic: 1007 Message: 1007

Hi folks - I'm a cw HAM who is new to SWL. My R75 should arrive back from KIWA today or tomorrow and I will pop in a 1.8 INRAD filter on the 455 board and a 2.8 ICOM filter on thw 9 board. I think the resulting combination will be good for AM and utility listening. I will cw to my HF rigs.

But there's some confusion. It's become obvious to me that all of you SWL listeners are aware of a whole world of listening that HAMS don't hear on their HF bands.

In particular I am curious about utility stations. I just subscribed to Monitoring Times and have been scanning the lists of Utilities. I'm amazed. For example, I see listed a US Military refueling plane transmission. I would have assumed that all military communications are trunked extremely rapidly (digitally?) or at a minimum in some code form.

What exactly are people hearing on these utility staions - actual intelligible voice communications? snipits of trunked systems; encrypted messages? Is there a book available that can describe to me exactly what one might hear from these various types of stations?

Obviously this is something totally new to me - but very fascinating. Any help would be most appreciated!

73/KB7OEX Tim Logan in Gilbert, AZ

1008. Re: [icomr75] Utility Station Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-15 15:10:35 UTC
From: Dave
Topic: 1007 Message: 1008

There are plenty of "in-the-clear" military communications on HF. Everything from motel reservations to hydraulic failures to VIPs ordering a tee-off time.

I have local AFBs on my UHF scanner, ATC San Francisco and GHFS on shortwaves. Sometimes I'll hear the same mission on all three, over a period of hours.

dr
----- Original Message -----
From: kb7oex
To: icomr75@yahoogroups.com
Sent: Tuesday, January 15, 2002 13:59
Subject: [icomr75] Utility Station Question

Hi folks - I'm a cw HAM who is new to SWL. My R75 should arrive back from KIWA today or tomorrow and I will pop in a 1.8 INRAD filter on the 455 board and a 2.8 ICOM filter on thw 9 board. I think the resulting combination will be good for AM and utility listening. I will cw to my HF rigs.

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Obviously this is something totally new to me - but very fascinating. Any help would be most appreciated!

73/KB7OEX Tim Logan in Gilbert, AZ

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[Non-text portions of this message have been removed]

1009. Re: [icomr75] Utility Station Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-15 16:32:29 UTC
From: Joe Jackson
Topic: 1007 Message: 1009

you can hear military planes refueling, combat exercise's etc. o regular scanner trhat has 200mhz capability. there is plenty to hear in the open in plain language.try 8.971 mhz-i once heard a u.s. submarine coming to the surface and going back under-listened for about hour-ten minutes.
----- Original Message -----
From: "kb7oex" <cyr999@...>
To: <icomr75@yahoogroups.com>
Sent: Tuesday, January 15, 2002 5:59 AM
Subject: [icomr75] Utility Station Question

> Hi folks - I'm a cw HAM who is new to SWL. My R75 should arrive back
> from KIWA today or tomorrow and I will pop in a 1.8 INRAD filter on
> the 455 board and a 2.8 ICOM filter on thw 9 board. I think the
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> code form.
>
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> encrypted messages? Is there a book available that can describe to me
> exactly what one might hear from these various types of stations?
>
> Obviously this is something totally new to me - but very fascinating.
> Any help would be most appreciated!
>
> 73/KB7OEX Tim Logan in Gilbert, AZ
>
>
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>
>

1010. Re: Utility Station Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-15 16:33:08 UTC
From: rsakabu
Topic: 1007 Message: 1010

Hello Tim,
I came from the other side. SWL was my hobby until this spring when I decided to get my ticket and work both sides of the conversation. You can hear a LOT of traffic on HF with nothing more than a shortwave radio capable of SSB, with a BFO, or a continuous coverage ham transceiver. I would say the R-75 is comparable to the Icom 746 in performance, it's certainly a step above the entry level and mobile HF rigs thanks to its Twin PBF, continuoulsy adjustable RF gain and direct entry kepad.

To start, try 11175 kHz USB, that's the global USAF HF frequency. It is very busy and you can hear lots of traffic on it. Check your Monitoring Times for more frequencies and also check out the commercial airline HF list. Here in CA, I constantly hear traffic from San Francisco to planes out in the middle of the Pacific and have even heard traffic between Ireland and planes in the Atlantic. Lots of fun pulling in those DX aircraft!

73
Roy
AD6ZU

1011. KIWA Modifications

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-17 20:14:03 UTC
From: danbar_54
Topic: 1011 Message: 1011

Will the warranty (during the first year) become voided if any modifications are performed on the unit? I may consider this after the first year, but I am having great success (and fun) with my new unit as is..sans modifications

Dan

1012. Re: [icomr75] KIWA Modifications

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-17 22:02:14 UTC
From: cyr999@extremezone.com
Topic: 1011 Message: 1012

Dan - I believe this is answered on the KIWA site - and yes, the warranty would be voided. I just got my rig back from KIWA and was very pleased with the results. 73/KB7OEX Tim Logan

Quoting danbar_54 <danbar_54@...>:

> Will the warranty (during the first year) become voided if any
> modifications are performed on the unit? I may consider this after
> the first year, but I am having great success (and fun) with my new
> unit as is..sans modifications
>
> Dan
>
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1013. ON =EBAY= ICOM IC-R75 RECEIVER w/DSP & REMOTE SOFTWARE Item # 1323048692

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-18 22:17:13 UTC
From: buster9961
Topic: 1013 Message: 1013

found this on ebay seems to be a good deal ICOM IC-R75 RECEIVER w/DSP & REMOTE SOFTWARE Item # 1323048692 it has a buy it now on it $480.00

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1323048692

1014. Re: [icomr75] ON =EBAY= ICOM IC-R75 RECEIVER w/DSP & REMOTE SOFTWARE Item # 1323048692

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-19 00:46:56 UTC
From: Carlos Vargas Vidal
Topic: 1014 Message: 1014

Thanks so much, buster9961,

take good care of you and God bless you.

Carlos
----- Original Message -----
From: buster9961
To: icomr75@yahoogroups.com
Sent: Friday, January 18, 2002 5:17 PM
Subject: [icomr75] ON =EBAY= ICOM IC-R75 RECEIVER w/DSP & REMOTE SOFTWARE Item # 1323048692

found this on ebay seems to be a good deal ICOM IC-R75 RECEIVER w/DSP
& REMOTE SOFTWARE Item # 1323048692 it has a buy it now on it $480.00

http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1323048692

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[Non-text portions of this message have been removed]

1015. R75 observations

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-22 18:37:21 UTC
From: Dave Ulrick
Topic: 1015 Message: 1015

Greetings!

Now that I've had had my R75 for nearly a month, it's time for me to delurk and share some observations I've made about this fine radio. My radio is a stock American R75 with the DSP; it has no optional filters or modifications. It's connected to a 100' outdoor random wire antenna. I'm located in Belvidere, Illinois, approximately 90 miles northwest of Chicago.

First off, I've found that the stock R75 is perfectly fine for program listening given a good external speaker plus a bit of tweaking. I bought one of those RadioShack/RCA minispeakers and connected it to the R75's external speaker jack. It gives me a full, rich tone with plenty of bass. However, simply using an external speaker wasn't enough to give me good audio except on non-fading AM signals. As many have reported, the R75's AGC on AM causes audible distortion during SW fading. I've found that turning the RF gain down, usually to the first tickmark to the left of center, can reduce and often eliminate this distortion. Since most major SW broadcast stations come in very strongly, I don't miss many stations if I keep the RF gain control turned down while I tune through the SW broadcast bands.

As for the S-AM mode, I must agree that it does little, but to my ears it does do something. If I use the "set" menu to permanently enable S-AM mode, I hear an audible "howl" when approaching or leaving an AM carrier, so I can tell it's trying to do something. I notice its effect most if I keep the RF gain turned to the left one or two tickmarks. If the RF gain is in the normal 12 o'clock position, S-AM sounds no different than AM mode. Most of the benefits I hear in the AM audio quality are tied to reducing the RF gain, but I can sometimes hear a slight improvement in the steadiness of speech and music and reduction in fading when S-AM is turned on. If I switch to the narrow AM filter and use the PBT knob, I can select one of the sidebands with some reduction in audio quality. I can understand why so many folks would say that the R75's S-AM mode isn't very good, but I can attest that using it in conjuction with a judicious reduction of the RF gain knob can result in rather pleasant audio for program listening. The DSP's automatic notch filter often cuts out whistle-type noises even from AM signals, but the whistles it misses can often be eliminated by turning the PBT knob all the way to one side. Considering all these features together, the stock R75 can do a lot to make even AM signals sound alright.

Using these tricks, I find that I can listen to stations such as the BBC at 5975 kHz for long periods of time with a minimum of fatigue due to fading distortion. I have a cable running between the record out

jack on the R75 to an auxilary input on my stereo receiver. Using this method, I can get even more stable audio because I'm bypassing the R75's audio amplifier. Unfortunately, the "set" menu's beep level setting (I like a setting of 1 or 2) doesn't affect the record out audio (beep on/off _does_ affect record out; go figure), so any button presses I make on the R75 sound _very_ loud on my stereo compared to the program material. :-(

As for SSB and ECSS listening, I must join in with the crowd and agree that the R75 really shines in this department. I have sometimes been amazed by how good some hams sound: almost as though they're in the room with me. ECSS is a really nice way to pick out weaker stations from the mud in the MW and SW broadcast bands, although this method sometimes reveals that the station's carrier is not exactly located at the advertised frequency, and requires some tuning to make the audio sound natural. From my QTH ninety miles northwest of Chicago, I can often get an audible signal from WLW at 700 kHz in Cincinatti during the day if I use ECSS (WGN 720 kHz from Chicago clobbers it during the day).

When tuning the MW and SW broadcast bands, I tune the R75 in AM mode with the RF gain left one tickmark and the preamp off. This gives me good audio on most stronger stations. When tuning the utility bands, I stay in AM mode, turn on the DSP noise reduction (level 5), set the RF gain to 12 o'clock, and activate preamp 1 or 2, switching to SSB mode whenever I hear Donald Duck. :-) In the ham bands, I follow the same procedure except that I stay in LSB/USB as appropriate.

All in all, I'm very happy with my R75. Its AM audio could be better, and its S-AM mode could be a lot better, but even this side of the radio is quite nice with the RF gain control turned down a bit. If you like both DXing and program listening and have only $550 to spend, I think you may like the R75.

Dave
--
==========
Dave Ulrick, Systems Programmer E-mail: d-ulrick@...
Northern Illinois University Web: http://www.niu.edu/~ulrick/
DeKalb, IL, USA

1016. Re: R75 observations

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-23 08:39:45 UTC
From: just_rtfm
Topic: 1015 Message: 1016

Dave:

nice review! i've had my R-75 about 2 months now. i would have bought it even if it only could do ECSS, aka no AM, no synch, no FM. you're right on with the utility reception... it is excellent! i too notice that the S-AM mode does sound different and works best when the gain is fiddled with.

phil :)

1017. Re: [icomr75] Re: R75 observations

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-23 13:15:08 UTC
From: Tim and Nancy Logan
Topic: 1015 Message: 1017

Dave, Phil and others -

I second the motion! That WAS a good review Dave. Nice to hear others reactions. Thanks.

I have found, like you two, that a little judicious understanding of the RF gain etc goes a long way. I tested a Drake R8B before buying the ICOM. I returned it and bought the ICOM. Oh, the price difference was pretty decent - but, frankly, the Drake doesn't "feel" like a Ham rig (I'm primarily an HF cw op). This "it feels right" sense is not objective, but still important attribute which the R75 has..

I did go ahead and have the KIWA modifications and added an Inrad 1.8 on the 450 board and an ICOM 2.8 on the 9 board. The KIWA mods made a pretty nifty difference which I thoroughly enjoy - seems to help in more areas than just the synch. However, stock out of the box I think the R75 is a really great value for the money and doesn't truly need any add-ons (except the DSP which I suspect all users have by now).

As my other rigs are not general coverage, I bought the ICOM for AM broadcast and utility listening.....which I have found to be quite a lot of fun. If I find a broadcast I want to settle down and listen to, I've always been able to smooth out fade etc etc and have a good relaxing listen! Have a good day folks

73/KB7OEX Tim Logan

just_rtfm wrote:
>
> Dave:
>
> nice review! i've had my R-75 about 2 months now. i would have bought
> it even if it only could do ECSS, aka no AM, no synch, no FM. you're
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>
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1018. Q: Best way to "tune" for CW DXing

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-23 13:47:13 UTC
From: eb
Topic: 1018 Message: 1018

Hi List

I would really appreciate any input revolving around how to "tune" the Icom R75 for NDB DXing (CW id'ing in the range of 200 to 600 Khz roughly)

I do use my NRD545 for this and at present dont see the Icom get not even close to the performance from the NRD. But...id like to make it a perfect backup reciever for this.

I have DSP-unit, 3.3 and 1.9 filters. Which other filters would i benefit from ?

Which KIWA mods would I benefit from ?

Kind regards
Stephan
Kind Regards

Stephan / 56.1670N, 9.5670E - Denmark'
NRD 545 & Wellbrook ALA1530. ICOM R8500 & Discone & Alpha Delta.
ICOM R75 & Alpha Delta. Sony SW77,Aor 8200,Uniden UBXLT9000
Icom R2, RS 2006, Optoscout M40, Radioraft 3.21.reg
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1019. Re: [icomr75] Q: Best way to "tune" for CW DXing

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-24 01:43:28 UTC
From: Steve Ratzlaff
Topic: 1018 Message: 1019

Hi Eb,
I use my R75 perhaps 90% for NDB DXing--here's what I use. CW mode, nothing else selected, fast agc. I have narrow optional non-Icom 250Hz filters (INRAD) in both 9MHz and 455kHz positions. I find it makes a small improvement using both, but insertion loss is high. My volume is turned up almost all the way just to hear the signals. That's all! I believe the narrowest CW filters you can install are what's needed for effective LF NDB listening. (I've tried selecting the other noise reducing modes, but they don't help one bit, comparing them back and forth to straight CW with 250Hz filters.)
Good luck with your LF DXing!
Steve Ratzlaff
E. Palo Alto, CA
R-75 and AR-7030 receivers with outdoor homebrew active whip

eb wrote:
>
> Hi List
>
> I would really appreciate any input revolving around how to "tune" the
> Icom R75 for NDB DXing (CW id'ing in the range of 200 to 600 Khz
> roughly)
>
> I do use my NRD545 for this and at present dont see the Icom get not
> even close to the performance from the NRD. But...id like to make it a
> perfect backup reciever for this.
>
> I have DSP-unit, 3.3 and 1.9 filters. Which other filters would i
> benefit from ?
>
> Which KIWA mods would I benefit from ?
>
> Kind regards
> Stephan
> Kind Regards
>
> Stephan / 56.1670N, 9.5670E - Denmark'
> NRD 545 & Wellbrook ALA1530. ICOM R8500 & Discone & Alpha Delta.
> ICOM R75 & Alpha Delta. Sony SW77,Aor 8200,Uniden UBXLT9000
> Icom R2, RS 2006, Optoscout M40, Radioraft 3.21.reg
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1020. Re: [icomr75] Q: Best way to "tune" for CW DXing

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-24 01:44:26 UTC
From: Steve Ratzlaff
Topic: 1018 Message: 1020

I should also have added I almost always use Preamp 1 too.
Steve Ratzlaff

eb wrote:
>
> Hi List
>
> I would really appreciate any input revolving around how to "tune" the
> Icom R75 for NDB DXing (CW id'ing in the range of 200 to 600 Khz
> roughly)
>
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> Stephan
> Kind Regards
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> Stephan / 56.1670N, 9.5670E - Denmark'
> NRD 545 & Wellbrook ALA1530. ICOM R8500 & Discone & Alpha Delta.
> ICOM R75 & Alpha Delta. Sony SW77,Aor 8200,Uniden UBXLT9000
> Icom R2, RS 2006, Optoscout M40, Radioraft 3.21.reg
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1021. Re: [icomr75] Digest Number 288

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-24 02:08:11 UTC
From: Steven Fritts
Topic: 1021 Message: 1021

Hi All
I would like to hear anything about the R75's performance on VLF bellow 500 KHZ.

Steve

At 12:31 AM 1/24/02 -0000, you wrote:
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>--
>
>There are 4 messages in this issue.
>
>Topics in this digest:
>
> 1. R75 observations
> From: Dave Ulrick <d-ulrick@...>
> 2. Re: R75 observations
> From: "just_rtfm" <just_rtfm@...>
> 3. Re: Re: R75 observations
> From: Tim and Nancy Logan <cyr999@...>
> 4. Q: Best way to "tune" for CW DXing
> From: eb <swl@...>
>
>
>____
>____
>
>Message: 1
> Date: Tue, 22 Jan 2002 12:37:21 -0600 (CST)
> From: Dave Ulrick <d-ulrick@...>
>Subject: R75 observations
>
>Greetings!
>
>Now that I've had had my R75 for nearly a month, it's time for me to
>delurk and share some observations I've made about this fine radio.
>My radio is a stock American R75 with the DSP; it has no optional
>filters or modifications. It's connected to a 100' outdoor random
>wire antenna. I'm located in Belvidere, Illinois, approximately 90
>miles northwest of Chicago.
>
>First off, I've found that the stock R75 is perfectly fine for program

>listening given a good external speaker plus a bit of tweaking. I
>bought one of those RadioShack/RCA minispeakers and connected it to
>the R75's external speaker jack. It gives me a full, rich tone with
>plenty of bass. However, simply using an external speaker wasn't
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>
>As for the S-AM mode, I must agree that it does little, but to my ears
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>sounds no different than AM mode. Most of the benefits I hear in the
>AM audio quality are tied to reducing the RF gain, but I can sometimes
>hear a slight improvement in the steadiness of speech and music and
>reduction in fading when S-AM is turned on. If I switch to the narrow
>AM filter and use the PBT knob, I can select one of the sidebands with
>some reduction in audio quality. I can understand why so many folks
>would say that the R75's S-AM mode isn't very good, but I can attest
>that using it in conjuction with a judicious reduction of the RF gain
>knob can result in rather pleasant audio for program listening. The
>DSP's automatic notch filter often cuts out whistle-type noises even
>from AM signals, but the whistles it misses can often be eliminated by
>turning the PBT knob all the way to one side. Considering all these
>features together, the stock R75 can do a lot to make even AM signals
>sound alright.
>
>Using these tricks, I find that I can listen to stations such as the
>BBC at 5975 kHz for long periods of time with a minimum of fatigue due
>to fading distortion. I have a cable running between the record out
>jack on the R75 to an auxilary input on my stereo receiver. Using
>this method, I can get even more stable audio because I'm bypassing
>the R75's audio amplifier. Unfortunately, the "set" menu's beep level
>setting (I like a setting of 1 or 2) doesn't affect the record out
>audio (beep on/off _does_ affect record out; go figure), so any button
>presses I make on the R75 sound _very_ loud on my stereo compared to
>the program material. :-(
>
>As for SSB and ECSS listening, I must join in with the crowd and agree
>that the R75 really shines in this department. I have sometimes been
>amazed by how good some hams sound: almost as though they're in the
>room with me. ECSS is a really nice way to pick out weaker stations
>from the mud in the MW and SW broadcast bands, although this method
>sometimes reveals that the station's carrier is not exactly located at

>the advertised frequency, and requires some tuning to make the audio
>sound natural. From my QTH ninety miles northwest of Chicago, I can
>often get an audible signal from WLW at 700 kHz in Cincinatti during
>the day if I use ECSS (WGN 720 kHz from Chicago clobbers it during the
>day).
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>When tuning the MW and SW broadcast bands, I tune the R75 in AM mode
>with the RF gain left one tickmark and the preamp off. This gives me
>good audio on most stronger stations. When tuning the utility bands,
>I stay in AM mode, turn on the DSP noise reduction (level 5), set the
>RF gain to 12 o'clock, and activate preamp 1 or 2, switching to SSB
>mode whenever I hear Donald Duck. :-) In the ham bands, I follow the
>same procedure except that I stay in LSB/USB as appropriate.
>
>All in all, I'm very happy with my R75. Its AM audio could be better,
>and its S-AM mode could be a lot better, but even this side of the
>radio is quite nice with the RF gain control turned down a bit. If
>you like both DXing and program listening and have only $550 to spend,
>I think you may like the R75.
>
>Dave
>--
>===
>Dave Ulrick, Systems Programmer E-mail: d-ulrick@...
>Northern Illinois University Web: http://www.niu.edu/~ulrick/
>DeKalb, IL, USA
>
>
>
>____
>____
>
>Message: 2
> Date: Wed, 23 Jan 2002 08:39:45 -0000
> From: "just_rtfm" <just_rtfm@...>
>Subject: Re: R75 observations
>
>Dave:
>
>nice review! i've had my R-75 about 2 months now. i would have bought
>it even if it only could do ECSS, aka no AM, no synch, no FM. you're
>right on with the utility reception... it is excellent! i too notice
>that the S-AM mode does sound different and works best when the gain
>is fiddled with.
>
>phil :)
>
>
>
>

>
>_____
>_____
>
>Message: 3
> Date: Wed, 23 Jan 2002 06:15:08 -0700
> From: Tim and Nancy Logan <cyr999@...>
>Subject: Re: Re: R75 observations
>
>Dave, Phil and others -
>
>I second the motion! That WAS a good review Dave. Nice to hear others
>reactions. Thanks.
>
>I have found, like you two, that a little judicious understanding of the
>RF gain etc goes a long way. I tested a Drake R8B before buying the
>ICOM. I returned it and bought the ICOM. Oh, the price difference was
>pretty decent - but, frankly, the Drake doesn't "feel" like a Ham rig
>(I'm primarily an HF cw op). This "it feels right" sense is not
>objective, but still important attribute which the R75 has..
>
>I did go ahead and have the KIWA modifications and added an Inrad 1.8 on
>the 450 board and an ICOM 2.8 on the 9 board. The KIWA mods made a
>pretty nifty difference which I thoroughly enjoy - seems to help in more
>areas than just the synch. However, stock out of the box I think the R75
>is a really great value for the money and doesn't truly need any add-ons
>(except the DSP which I suspect all users have by now).
>
>As my other rigs are not general coverage, I bought the ICOM for AM
>broadcast and utility listening.....which I have found to be quite a lot
>of fun. If I find a broadcast I want to settle down and listen to, I've
>always been able to smooth out fade etc etc and have a good relaxing
>listen! Have a good day folks
>
>73/KB7OEX Tim Logan
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>just_rtfm wrote:
>>
>> Dave:
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>> nice review! i've had my R-75 about 2 months now. i would have bought
>> it even if it only could do ECSS, aka no AM, no synch, no FM. you're
>> right on with the utility reception... it is excellent! i too notice
>> that the S-AM mode does sound different and works best when the gain
>> is fiddled with.
>>
>> phil :)
>>
>>
>> To unsubscribe from this group, send an email to:

>> icomr75-unsubscribe@egroups.com
>>
>>
>>
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>
>
>____
>____
>
>Message: 4
> Date: Wed, 23 Jan 2002 14:47:13 +0100
> From: eb <swl@...>
>Subject: Q: Best way to "tune" for CW DXing
>
>Hi List
>
>I would really appreciate any input revolving around how to "tune" the
>Icom R75 for NDB DXing (CW id'ing in the range of 200 to 600 Khz
>roughly)
>
>I do use my NRD545 for this and at present dont see the Icom get not
>even close to the performance from the NRD. But...id like to make it a
>perfect backup reciever for this.
>
>I have DSP-unit, 3.3 and 1.9 filters. Which other filters would i
>benefit from ?
>
>Which KIWA mods would I benefit from ?
>
>Kind regards
>Stephan
>Kind Regards
>
>Stephan / 56.1670N, 9.5670E - Denmark'
>NRD 545 & Wellbrook ALA1530. ICOM R8500 & Discone & Alpha Delta.
>ICOM R75 & Alpha Delta. Sony SW77,Aor 8200,Uniden UBXLT9000
>Icom R2, RS 2006, Optoscout M40, Radioraft 3.21.reg
>This message has been swept for the presence of computer viruses
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>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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>

1022. Re: [icomr75] Digest Number 288

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-24 05:39:44 UTC
From: Steve Ratzlaff
Topic: 1021 Message: 1022

Hi Steve,
In case you didn't get my reply to Eb; I use the R75 a lot to listen to LF NDB's (200-530kHz). I've been listening to LF since the mid-1980's. The R75 is very effective below 500kHz, at least for the NDB freqs. I have aftermarket (INRAD) 250Hz CW filters installed in both IF postions. For someone on more of a budget, just one filter in either position would also do a good job. I think the main thing is to cut out as much noise as possible by narrowing the IF bandwidth. Sometimes a good narrow audio filter between the radio output and the headphones is also useful (some LF DXers would say its essential).
I have not done any mods to improve sensitivity below the BCB. I've done sensitivity tests on my radio and with Preamp 1 enabled, I believe I have all the sensitivity I need.
Sensitivity falls off rather rapidly as you go below about 120kHz, but I've still easily copied the Japanese time station, JJY, on 40kHz (which ID's at 15 and 45 after each hour, toward the end of the minute, and sends time pip dashes the rest of the time. I'm on the West Coast, and 30 miles inland from the ocean, so the Pacific LF/VLF stuff comes in quite well here.
Steve

Steven Fritts wrote:
>
> Hi All
> I would like to hear anything about the R75's performance on VLF
> bellow 500
> KHZ.
>
> Steve
>
> At 12:31 AM 1/24/02 -0000, you wrote:
> >To unsubscribe from this group, send an email to:
> >icomr75-unsubscribe@egroups.com
> >
> >
> >--
> >
> >There are 4 messages in this issue.
> >
> >Topics in this digest:
> >
> > 1. R75 observations
> > From: Dave Ulrick <d-ulrick@...>
> > 2. Re: R75 observations
> > From: "just_rtfm" <just_rtfm@...>

> > 3. Re: Re: R75 observations
> > From: Tim and Nancy Logan <cyr999@...>
> > 4. Q: Best way to "tune" for CW DXing
> > From: eb <swl@...>
> >
> >
> >_____
> >_____
> >
> >Message: 1
> > Date: Tue, 22 Jan 2002 12:37:21 -0600 (CST)
> > From: Dave Ulrick <d-ulrick@...>
> >Subject: R75 observations
> >
> >Greetings!
> >
> >Now that I've had had my R75 for nearly a month, it's time for me to
> >delurk and share some observations I've made about this fine radio.
> >My radio is a stock American R75 with the DSP; it has no optional
> >filters or modifications. It's connected to a 100' outdoor random
> >wire antenna. I'm located in Belvidere, Illinois, approximately 90
> >miles northwest of Chicago.
> >
> >First off, I've found that the stock R75 is perfectly fine for
> program
> >listening given a good external speaker plus a bit of tweaking. I
> >bought one of those RadioShack/RCA minispeakers and connected it to
> >the R75's external speaker jack. It gives me a full, rich tone with
> >plenty of bass. However, simply using an external speaker wasn't
> >enough to give me good audio except on non-fading AM signals. As
> many
> >have reported, the R75's AGC on AM causes audible distortion during
> SW
> >fading. I've found that turning the RF gain down, usually to the
> >first tickmark to the left of center, can reduce and often eliminate
> >this distortion. Since most major SW broadcast stations come in very
> >strongly, I don't miss many stations if I keep the RF gain control
> >turned down while I tune through the SW broadcast bands.
> >
> >As for the S-AM mode, I must agree that it does little, but to my
> ears
> >it does do something. If I use the "set" menu to permanently enable
> >S-AM mode, I hear an audible "howl" when approaching or leaving an AM
> >carrier, so I can tell it's trying to do something. I notice its
> >effect most if I keep the RF gain turned to the left one or two
> >tickmarks. If the RF gain is in the normal 12 o'clock position, S-AM
> >sounds no different than AM mode. Most of the benefits I hear in the
> >AM audio quality are tied to reducing the RF gain, but I can
> sometimes
> >hear a slight improvement in the steadiness of speech and music and

> >reduction in fading when S-AM is turned on. If I switch to the
> narrow
> >AM filter and use the PBT knob, I can select one of the sidebands
> with
> >some reduction in audio quality. I can understand why so many folks
> >would say that the R75's S-AM mode isn't very good, but I can attest
> >that using it in conjuction with a judicious reduction of the RF gain
> >knob can result in rather pleasant audio for program listening. The
> >DSP's automatic notch filter often cuts out whistle-type noises even
> >from AM signals, but the whistles it misses can often be eliminated
> by
> >turning the PBT knob all the way to one side. Considering all these
> >features together, the stock R75 can do a lot to make even AM signals
> >sound alright.
> >
> >Using these tricks, I find that I can listen to stations such as the
> >BBC at 5975 kHz for long periods of time with a minimum of fatigue
> due
> >to fading distortion. I have a cable running between the record out
> >jack on the R75 to an auxilary input on my stereo receiver. Using
> >this method, I can get even more stable audio because I'm bypassing
> >the R75's audio amplifier. Unfortunately, the "set" menu's beep
> level
> >setting (I like a setting of 1 or 2) doesn't affect the record out
> >audio (beep on/off _does_ affect record out; go figure), so any
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> >presses I make on the R75 sound _very_ loud on my stereo compared to
> >the program material. :-(
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> >As for SSB and ECSS listening, I must join in with the crowd and
> agree
> >that the R75 really shines in this department. I have sometimes been
> >amazed by how good some hams sound: almost as though they're in the
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> >from the mud in the MW and SW broadcast bands, although this method
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> >the advertised frequency, and requires some tuning to make the audio
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> >often get an audible signal from WLW at 700 kHz in Cincinatti during
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> >good audio on most stronger stations. When tuning the utility bands,
> >I stay in AM mode, turn on the DSP noise reduction (level 5), set the
> >RF gain to 12 o'clock, and activate preamp 1 or 2, switching to SSB
> >mode whenever I hear Donald Duck. :-) In the ham bands, I follow

> the
> >same procedure except that I stay in LSB/USB as appropriate.
> >
> >All in all, I'm very happy with my R75. Its AM audio could be
> better,
> >and its S-AM mode could be a lot better, but even this side of the
> >radio is quite nice with the RF gain control turned down a bit. If
> >you like both DXing and program listening and have only $550 to
> spend,
> >I think you may like the R75.
> >
> >Dave
> >--
> >===
> >Dave Ulrick, Systems Programmer E-mail: d-ulrick@...
> >Northern Illinois University Web:
> http://www.niu.edu/~ulrick/
> >DeKalb, IL, USA
> >
> >
> >
> >____
> >____
> >
> >Message: 2
> > Date: Wed, 23 Jan 2002 08:39:45 -0000
> > From: "just_rtfm" <just_rtfm@...>
> >Subject: Re: R75 observations
> >
> >Dave:
> >
> >nice review! i've had my R-75 about 2 months now. i would have bought
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> >it even if it only could do ECSS, aka no AM, no synch, no FM. you're
> >right on with the utility reception... it is excellent! i too notice
> >that the S-AM mode does sound different and works best when the gain
> >is fiddled with.
> >
> >phil :)
> >
> >
> >
> >
> >
> >____
> >____
> >
> >Message: 3
> > Date: Wed, 23 Jan 2002 06:15:08 -0700
> > From: Tim and Nancy Logan <cyr999@...>

> >Subject: Re: Re: R75 observations
> >
> >Dave, Phil and others -
> >
> >I second the motion! That WAS a good review Dave. Nice to hear others
> >reactions. Thanks.
> >
> >I have found, like you two, that a little judicious understanding of
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> >RF gain etc goes a long way. I tested a Drake R8B before buying the
> >ICOM. I returned it and bought the ICOM. Oh, the price difference was
> >pretty decent - but, frankly, the Drake doesn't "feel" like a Ham rig
> >(I'm primarily an HF cw op). This "it feels right" sense is not
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> >pretty nifty difference which I thoroughly enjoy - seems to help in
> more
> >areas than just the synch. However, stock out of the box I think the
> R75
> >is a really great value for the money and doesn't truly need any
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> >(except the DSP which I suspect all users have by now).
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> >of fun. If I find a broadcast I want to settle down and listen to,
> I've
> >always been able to smooth out fade etc etc and have a good relaxing
> >listen! Have a good day folks
> >
> >73/KB7OEX Tim Logan
> >
> >just_rtfm wrote:
> >>
> >> Dave:
> >>
> >> nice review! i've had my R-75 about 2 months now. i would have
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> >> it even if it only could do ECSS, aka no AM, no synch, no FM.
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> >> right on with the utility reception... it is excellent! i too
> notice
> >> that the S-AM mode does sound different and works best when the
> gain
> >> is fiddled with.
> >>

> >> phil :)
> >>
> >>
> >> To unsubscribe from this group, send an email to:
> >> icomr75-unsubscribe@egroups.com
> >>
> >>
> >>
> >> Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
> >
> >
> >_____
> >_____
> >
> >Message: 4
> > Date: Wed, 23 Jan 2002 14:47:13 +0100
> > From: eb <swl@...>
> >Subject: Q: Best way to "tune" for CW DXing
> >
> >Hi List
> >
> >I would really appreciate any input revolving around how to "tune"
> the
> >Icom R75 for NDB DXing (CW id'ing in the range of 200 to 600 Khz
> >roughly)
> >
> >I do use my NRD545 for this and at present dont see the Icom get not
> >even close to the performance from the NRD. But...id like to make it
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> >perfect backup reciever for this.
> >
> >I have DSP-unit, 3.3 and 1.9 filters. Which other filters would i
> >benefit from ?
> >
> >Which KIWA mods would I benefit from ?
> >
> >Kind regards
> >Stephan
> >Kind Regards
> >
> >Stephan / 56.1670N, 9.5670E - Denmark'
> >NRD 545 & Wellbrook ALA1530. ICOM R8500 & Discone & Alpha Delta.
> >ICOM R75 & Alpha Delta. Sony SW77,Aor 8200,Uniden UBXLT9000
> >Icom R2, RS 2006, Optoscout M40, Radioraft 3.21.reg
> >This message has been swept for the presence of computer viruses
> >
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> >
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1023. Re: [icomr75] Q: Best way to "tune" for CW DXing

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-24 06:59:47 UTC
From: eb
Topic: 1018 Message: 1023

Steve:

Thanks for a good and thoughtfully reply. (also in your follow up to
Steve :P)

On Wed, 23 Jan 2002 17:44:26 -0800, you wrote:

>I should also have added I almost always use Preamp 1 too.
>Steve Ratzlaff
>
>eb wrote:
>>
>> Hi List
>>
>> I would really appreciate any input revolving around how to "tune" the
>> Icom R75 for NDB DXing (CW id'ing in the range of 200 to 600 Khz
>> roughly)
>>
>> I do use my NRD545 for this and at present dont see the Icom get not
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>> perfect backup reciever for this.
>>
>> I have DSP-unit, 3.3 and 1.9 filters. Which other filters would i
>> benefit from ?
>>
>> Which KIWA mods would I benefit from ?
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>> Kind regards
>> Stephan
>> Kind Regards
>>
>> Stephan / 56.1670N, 9.5670E - Denmark'
>> NRD 545 & Wellbrook ALA1530. ICOM R8500 & Discone & Alpha Delta.
>> ICOM R75 & Alpha Delta. Sony SW77,Aor 8200,Uniden UBXLT9000
>> Icom R2, RS 2006, Optoscout M40, Radioraft 3.21.reg
>> This message has been swept for the presence of computer viruses
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>To unsubscribe from this group, send an email to:
>icomr75-unsubscribe@egroups.com
>
>
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

Best Regards / Med Venlig Hilsen
Stephan ---- 56.1670N, 9.5670E - Denmark.
NRD 545/G DSP & Wellbrook ALA1530. ICOM R8500 & Discone and Alpha Delta.
ICOM R75 & ALpha Delta, Sony SW77, Aor 8200. Uniden UBXLT9000
Icom R2, RS 2006, Optoscout M40.

All email is scanned for virus.

1024. Re: R75 observations

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-24 08:51:17 UTC
From: just_rtfm
Topic: 1015 Message: 1024

hi Tim:

i agree! i never had a chance to test the Drake but it looks like a huge unit and i couldn't see it being worth twice the ICOM. passport seems to belittle things like the DSP noise reduction but it really works well and should be included in a unit costing $1300 (US), as should nice buttons, and a nice display. AM broadcasts come in fine and if there is fading i just do ECSS. i've been thinking that ICOM might have a IF DSP R-75 in the works and all these great deals are happening to reduce stock... we'll see!

phil :)

1025. Re: Q: Best way to "tune" for CW DXing

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-24 09:05:16 UTC
From: just_rtfm
Topic: 1018 Message: 1025

howdy Stephan:

i do not know CW but i know something you might find useful if the computer is nearby the radio. get 'SR5' which is a spectrum analyzer and audio filter program (link below). you simply attach the output of the R-75 (i use plug in back not audio jack) to your PC's sound card (get cable at radio shack). with SR5 you can narrow the bandwidth of the audio. you can build any filter you like by running your mouse along a two dimesional chart whose hoizontal axis is Hz and vertical axis is 'amplitude' allowed to pass. post a follow up if this program helps so others can use it. you might try turning both BPT in opposite directions to cut the bandwidth to ~1 kHz.

http://www.ar5.ndirect.co.uk/index.html

phil :)

1026. Re: [icomr75] Re: Q: Best way to "tune" for CW DXing

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-24 12:10:17 UTC
From: eb
Topic: 1018 Message: 1026

On Thu, 24 Jan 2002 09:05:16 -0000, you wrote:
>BPT in opposite directions to cut the bandwidth to ~1 kHz.
>
>http://www.ar5.ndirect.co.uk/index.html
>
>phil :)
>

Downloading it now :=)

thanks Phil.

Best Regards / Med Venlig Hilsen
Stephan Larsen

Denmark
56.35 41.60"N, 9.56 6.61"E
Local time (EST) is UTC +1 hours

NRD 545/G DSP & Wellbrook ALA1530. ICOM R8500 & Discone and Alpha Delta.
ICOM R75 & Alpha Delta. Sony SW77 & Whip. Aor 8200. Uniden UBXLT9000
Icom R2. RS 2006 & "What-have-we-antenna". Optoscout M40.

All emails are virus-scanned.

1027. Re: [icomr75] Re: R75 observations

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-24 22:23:43 UTC
From: jimvaljef@aol.com
Topic: 1015 Message: 1027

In a message dated 1/24/02 3:51:35 AM Eastern Standard Time,
just_rtfm@... writes:

>

I do a real lot of MW dxing and the ECCS on the R75 sounds so good that I
actually prefer it over the AM mode. I also use an external speaker. In some
cases switching between USB and LSB brings in different stations on the same
frequency. I have had many receivers over the last 35 years and the R75 is my
first choice for dxing. Jim Spfld. Ma.

[Non-text portions of this message have been removed]

1028. Tuner Knob trouble

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-28 03:14:06 UTC
From: rem1875
Topic: 1028 Message: 1028

Howdy yall
I have recently started having some problem with my tuner knob. I had left the drag fairly heavy cause I am some what of a klutz but now the knob occasionaly can be turned without changing the freq. Just a little bit, just occasionaly but I am somewhat concerned.
Any ideas?
Thanks
Joe
in North Texas

1029. FS: Icom R75 with DSP & FL-257

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-28 15:10:53 UTC
From: Gary Wilt
Topic: 1029 Message: 1029

I'm forced to sell my MINT R75 with DSP module already installed.
The radio is just 2 months old. It comes with a FL-257 filter installed,
which is a $175 value, the UT-106 DSP module, installed, the original
box, power supply and the operators manual. The radio is a 9.75 out
of a 10, I'd call it a 10, but it has been used for a short period of time,
and yes the radio performs 100% perfectly fine.

I'm asking $585 shipping included from NJ. I prefer to sell only within
the Lower 48 states. Remember, the optional installed filter is the
FL-257, which is a 3.3Khz SSB filter, which dramatically improves
reception in ECSS mode. This filter sells new for around $175 alone!

Thanks for reading,
Gary in NJ

1030. Re: [icomr75] FS: Icom R75 with DSP & FL-257

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-28 15:20:01 UTC
From: Carlos Vargas Vidal
Topic: 1029 Message: 1030

Gary, I am from Panama. I would like to buy your radio and you will only have to send to Miami. But you must wait a little. About two weeks.
I have a Yaesu FRG-7 in mint conditions that I am trying to sell here in Panama or Costa Rica.
Please, can you help.
I like the radio very much because of the accessories. I was planning to buy one in the future when I get the money, but I can not afford those accessories.
Thanks so much,
Carlos
----- Original Message -----
From: "Gary Wilt" <gary041@...>
To: <icomr75@yahoogroups.com>
Sent: Monday, January 28, 2002 10:10 AM
Subject: [icomr75] FS: Icom R75 with DSP & FL-257

> I'm forced to sell my MINT R75 with DSP module already installed.
> The radio is just 2 months old. It comes with a FL-257 filter installed,
> which is a $175 value, the UT-106 DSP module, installed, the original
> box, power supply and the operators manual. The radio is a 9.75 out
> of a 10, I'd call it a 10, but it has been used for a short period of time,
> and yes the radio performs 100% perfectly fine.
>
> I'm asking $585 shipping included from NJ. I prefer to sell only within
> the Lower 48 states. Remember, the optional installed filter is the
> FL-257, which is a 3.3Khz SSB filter, which dramatically improves
> reception in ECSS mode. This filter sells new for around $175 alone!
>
> Thanks for reading,
> Gary in NJ
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

1031. Re: [icomr75] FS: Icom R75 with DSP & FL-257

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-28 15:47:49 UTC
From: cyr999@extremezone.com
Topic: 1029 Message: 1031

Now that's a great deal! Wish you were here when I bought my R75! It should sell pretty quickly! 73/Tim KB7OEX

Quoting Gary Wilt <gary041@...>:

> I'm forced to sell my MINT R75 with DSP module already installed.
> The radio is just 2 months old. It comes with a FL-257 filter
> installed,
> which is a $175 value, the UT-106 DSP module, installed, the original
> box, power supply and the operators manual. The radio is a 9.75 out
> of a 10, I'd call it a 10, but it has been used for a short period of
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> and yes the radio performs 100% perfectly fine.
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> FL-257, which is a 3.3Khz SSB filter, which dramatically improves
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> Thanks for reading,
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>
> ---------- Yahoo! Groups Sponsor
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> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
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>
>
> Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
>
>

1032. Re: Tuner Knob trouble

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-28 19:01:19 UTC
From: rolloatwerk
Topic: 1028 Message: 1032

--- In icomr75@y..., "rem1875" <rem1875@a...> wrote:
> Howdy yall
> I have recently started having some problem with my tuner knob. I had
> left the drag fairly heavy cause I am some what of a klutz but now
> the knob occasionaly can be turned without changing the freq. Just a
> little bit, just occasionaly but I am somewhat concerned.
> Any ideas?

Well the drag is sort of low-tech, it's a springy washer with little fingers with some fuzzy stuff on them that climb up little ramps and press against the back of the tuning knob when you move the tension control. (LOL, hard to explain in words)

Sounds like maybe the nut that holds things together might be starting to work itself loose?

The tuning knob itself is just held on by friction. It's a pretty standard D-shaped hole with a spring that presses against the flat side of the shaft. You ought to be able to pull it off carefully and look inside there then tighten the retaining nut with the right size socket or nutdriver if it's started working loose...

1033. Re: FS: Icom R75 with DSP & FL-257

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-28 23:17:31 UTC
From: kc2gkl
Topic: 1029 Message: 1033

Tim,

I too had hope that this would of sold quickly, however, it is STILL available at the price of $585 with shipping included within the lower 48 states! Thanks for your support!

Regards,
Gary

--- In icomr75@y..., cyr999@e... wrote:
> Now that's a great deal! Wish you were here when I bought my R75! It should sell
> pretty quickly! 73/Tim KB7OEX
>

1034. Filters and AM audio quality

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-30 15:38:52 UTC
From: Dave Ulrick
Topic: 1034 Message: 1034

Greetings,

Apparently I must have too much money burning a hole in my pocket, :-) because last week I went ahead and ordered a pair of optional filters for my R75. I chose the FL-103 (2.8 kHz filter, 9 mHz IF) and the FL-257 (3.3 kHz filter, 455 kHz IF). They arrived at my doorstep yesterday afternoon. Once I figured out that the nuts and washers provided on the bottom of the FL-257 weren't necessary for the R75 and ought to be removed (instead, a mounting clip is provided in the radio to keep the filter in place), both filters plugged in with no difficulty. The manual's instructions were sufficiently clear regarding the installation of the filters and the use of the filter setup menu to enable their use.

My goal for these filters was to provide me with extra options for tuning in fading AM signals or SSB signals with decent fidelity. Although the price tag for the filters is rather high, I'm satisfied that my goal has been met.

Of the two filters, the one I really wanted was the FL-257. I'd seen several positive reports about its use in listening to AM signals via ECSS. My report is also positive. Although my time last night was insufficient for listening to any particular program for a long time, it was my impression that once I'd adjusted the tuning to zero-beat the carrier, the audio I heard via this 3.3 kHz filter was very, very close to what I hear in AM mode using the 6 kHz filter. I set it up as the SSB-W filter (with the 15 kHz/9 mHz IF filter) and the normal SSB filter (with the FL-103 2.8 kHz as the 9 mHz IF filter). (I made the two stock 2.4 kHz filters the SSB-N filter combo.) On voice program material, these two combinations are almost indistinguishable, whereas with music the SSB-W filter combo provides a bit wider frequency response. The SSB-normal filter is more flexible in that both PBT knobs may be used to adjust the apparent bandwidth, whereas with the SSB-W filter only one knob provides any significant adjustment. At first glance (hearing?), it appears that the FL-257 filter goes a long way towards making up for the deficiencies of the R75's S-AM mode in that it permits me to listen to AM broadcasts in ECSS mode with near-AM fidelity and with minimal fading distortion.

If I had to choose only one of these filters and get rid of the other, I'd give up the FL-103. However, I'm reasonably satisfied with what it does. My main purpose for choosing it was to give me an option for an additional bandwidth for AM and S-AM. Unfortunately, only the 6 kHz and 15 kHz 455 kHz IF filters may be used in S-AM mode (contrary to some reports I've read on the 'Net, the FL-257 may be used in AM (but not S-AM) mode (yes, I tried it :-))). Therefore, I chose the

FL-103 to give me a 9 mHz IF filter a little wider than the stock 2.4 kHz filter. For AM and S-AM modes, I've set up my filter combos like this:

9 mHz	455 kHz
(S-)AM-N	2.8 kHz	15 kHz
(S-)AM	15 kHz	6 kHz
(S-)AM-W	15 kHz	15 kHz (useless except for local MW broadcasters)

In both AM and S-AM modes, I can use the outer PBT control to select either the upper or lower sideband. In S-AM mode, this gives me, in effect, selectable sidebands while the synchronous detector is activated.[1]

Thanks to the wider bandwidth of the FL-103 versus the stock 2.4 kHz filter, I have noticeably better fidelity when selecting a single sideband in AM or S-AM mode. This gives me a decent alternative to ECSS with a bit less fidelity than the 3.3 kHz filter but which retains the familiar AM sound. Distortion on rapidly fading signals compared with normal double sideband AM is reduced by using the (S-)AM-N filter combo in conjunction with the outer PBT control, but not to such a degree as when using ECSS.

Having said all that, I cannot say that the FL-103 really helps make S-AM wonderful. Although to my ears S-AM provides a subtle reduction in fading distortion so long as the RF gain is reduced a notch or two, it is indeed a _subtle_ reduction in itself (in fact, I think cutting back on RF gain does more than S-AM to reduce fading distortion). I can't blame other reviewers for missing it. However, I think I can defend the R75's S-AM mode by suggesting that it be viewed as a small tool in its extensive toolkit of signal-manipulation features rather than a big tool as it seems to be in other receivers. Judging by the reviews I've read, the selectable AM synchronous detectors in radios by Sony, Drake, etc., essentially do what the R75's S-AM mode does in conjunction with its filter menu and PBT and RF gain controls. In other words, whereas with Sony, etc., you just press one button, with the stock R75 it's not enough to just turn on S-AM: you need to make other adjustments in order to derive any benefit from it. Unfortunately, the R75's manual does nothing to explain how to make use of what limited function S-AM does provide. The lack of a stock 3-4 kHz bandwidth suitable for use with the PBT control in S-AM mode doesn't help matters (I'm aware of Kiwa's 3.8 kHz filter). The FL-103 helps, but not enough to make S-AM mode more attractive than ECSS mode for listening to AM signals suffering from selective fading.

In summary, the FL-257 provides near-AM fidelity to SSB and ECSS signals, whereas the FL-103 provides noticable, but not great, improvement for listening to one sideband in AM or S-AM mode. Of course, the R75's native AM audio--if the RF gain is backed off to

reduce audio clipping--is itself perfectly acceptable for many signals, and S-AM also helps a little. The combination of these optional filters with the R75's stock features gives me more options for listening to SW broadcasts without undue discomfort. Other receivers may provide more pleasing audio "out of the box" for program listening, but I strongly suspect that few of them can match the R75 for the sheer quantity of tools it offers the SWL for making sub-optimal signals listenable.

Dave

[1] Some reviews of the R75 claim that the PBT control is non-functional in S-AM mode. That's true when using the normal and wide filters, but if S-AM-N is set up to use 2.4 kHz/15 kHz, the outer PBT control is in fact operational in S-AM mode. Thus, it could be argued that the R75 does in fact have a selectable-sideband synchronous detector, albeit one with rather limited bandwidth.

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Dave Ulrick, Systems Programmer E-mail: d-ulrick@...
Northern Illinois University Web: http://www.niu.edu/~ulrick/
DeKalb, IL, USA

1035. Re: Filters and AM audio quality

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-31 17:49:20 UTC
From: rolloatwerk
Topic: 1034 Message: 1035

--- In icomr75@y..., Dave Ulrick <d-ulrick@n...> wrote:
> Apparently I must have too much money burning a hole in my pocket, :-)
> because last week I went ahead and ordered a pair of optional filters
> for my R75.

Great post, Dave. Very timely for a discussion going on in rec.radio.shortwave. I too like the FL-257 very much. Glad I bought it. It makes the R-75 a whole different radio for broadcast listening. On the other hand, I just read a post from a guy who hated it and bought the 2.8 instead. Just proves how subjective radio listening can be. I think the 3.3 gives me what I wanted, and I'm very happy with it. I wish I had room for the 2.8 as well, but I listen to a LOT of ham radio and bought the FL-223 for when the bands get crowded and the SSB "audiophiles" (now *there* is an oxymoron) crank up their equalizers a couple of kiloherz away.

Your post clarifies a lot and should help a lot of people who are trying to decide which filters to buy.

I think the manual probably says the PBT is ineffective with S-AM because it only shifts 1.5 khz. I think you'd be hard pressed to notice this with the stock filters.

LOL, Didn't it just KILL you to spend as much on a filter as what you'd spend on a halfway decent portable?

1036. Re: [icomr75] Re: Filters and AM audio quality

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-31 19:14:54 UTC
From: Dave Ulrick
Topic: 1034 Message: 1036

On Thu, 31 Jan 2002, rolloatwerk wrote:

> --- In icomr75@y..., Dave Ulrick <d-ulrick@n...> wrote:
> > Apparently I must have too much money burning a hole in my pocket, :-)
> > because last week I went ahead and ordered a pair of optional filters
> > for my R75.
>
> Great post, Dave. Very timely for a discussion going on in
> rec.radio.shortwave.

I've been lurking there, so I've been watching that discussion.

> I too like the FL-257 very much. Glad I bought it. It makes the R-75
> a whole different radio for broadcast listening.

Last night, I had a chance to listen to the BBC World Service at 9915 kHz for quite a while with the FL-257 (paired with the stock 15 mHz filter) in ECSS mode. I was very pleased with the audio quality and the lack of fading distortion. The program material was mostly speech, but the little snippets of background music sounded very good. I found it hard to believe that I was actually listening in SSB mode. Later on, I listened to a station with lots of selective fading; I think it was All India Radio at 11620 kHz. Again, the FL-257 acquitted itself well. The only trick with these stations, and quite a number of others, is to tune up or down by 10 or 20 Hz until USB and LSB sound pretty much identical (some stations such as WWV don't need such tweaking). With ECSS audio like this, who needs synchronous selectable sideband anyway? :-)

> On the other hand, I just read a post from a guy who hated it and
> bought the 2.8 instead. Just proves how subjective radio listening
> can be. I think the 3.3 gives me what I wanted, and I'm very happy
> with it. I wish I had room for the 2.8 as well, but I listen to a LOT
> of ham radio and bought the FL-223 for when the bands get crowded and
> the SSB "audiophiles" (now *there* is an oxymoron) crank up their
> equalizers a couple of kiloherz away.

I enjoy "eavesdropping" on the hams a little bit, too. The FL-257 is nice for those hams who have a bit of free spectrum around them. For my limited needs, I find that the stock 2.4 kHz filters are sufficient for the ham bands if I use the PBT controls judiciously.

> Your post clarifies a lot and should help a lot of people who are
> trying to decide which filters to buy.
>
> I think the manual probably says the PBT is ineffective with S-AM
> because it only shifts 1.5 khz. I think you'd be hard pressed to
> notice this with the stock filters.

As I mentioned in a footnote, the PBT works with S-AM and the stock filters if you use the 2.4 kHz filter as the 9 mHz IF filter. I agree that the PBT does very little with the normal 15 kHz/6 kHz (S-)AM combo, although with that combo the PBT is sometimes useful for cutting off heterodynes on the edge of the bandwidth.

> LOL, Didn't it just KILL you to spend as much on a filter as what
> you'd spend on a halfway decent portable?

Yeah, I know. One could say that the R75 is the inkjet printer of SW receivers: a cheap base price but _really_ expensive accessories. Thankfully we don't have to replace our R75 filters every 1,000 pages. :-)

Dave
--
==========
Dave Ulrick, Systems Programmer E-mail: d-ulrick@...
Northern Illinois University Web: http://www.niu.edu/~ulrick/
DeKalb, IL, USA

1037. HF Weather Fax Reception with R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-31 21:12:23 UTC
From: Gerry Busch
Topic: 1037 Message: 1037

I'm currently using the ICOM R75 with WXSat software to decode radiofacsimile transmissions from various coastal stations. This is done through a simple audio connection between the tape output jack and my soundcard's microphone input. Everything works far better than I expected, but I wonder if anyone else has tried fax reception on the R75. If so, which settings do you use?

I've tried various modes and offsets, and all of them work to some degree. For a while I was using RTTY mode with both filters at 2.4 kHz, and tuning the receiver about 0.2 kHz lower than the listed frequency, i.e. I decoded the 17151.2 kHz Pacific weather broadcasts from NOAA by tuning to 17151.0 kHz in RTTY mode (normal, not reverse). I've now discovered that USB gives me a better picture, because I can take better advantage of the twin PBT. This lets me filter out a lot more of the background noise (esp. from the PC), despite the fact that I use the same filter widths in either mode. After lots of experimentation, I have settled on an offset of -1.2 kHz, i.e. the 17151.2 kHz signal decodes best when I tune it in at 17150.0 upper sideband. This offset and mode works better for RTTY signals, too, so I have stopped using the R75's RTTY mode altogether.

A couple of references I have (one of them from NOAA itself) indicate that I should actually be using a frequency offset of -1.9 kHz, but the pitch seems much too high when I try that, and the fax program loses sync.

Input, anyone?

Gerry

_____
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1038. Re: HF Weather Fax Reception with R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-31 23:28:25 UTC
From: rolloatwerk
Topic: 1037 Message: 1038

--- In icomr75@y..., "Gerry Busch" <german_to_english@y...> wrote:
>
> A couple of references I have (one of them from NOAA itself) indicate that I
> should actually be using a frequency offset of -1.9 kHz, but the pitch seems
> much too high when I try that, and the fax program loses sync.

Have you tried zero-beating WWV at 15 or 20 Mhz to see if your radio's on frequency? Although it seems that 700 Hz would be off way more than most R75s. They're pretty good from the factory.

1039. Re: [icomr75] Re: HF Weather Fax Reception with R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-31 23:55:44 UTC
From: Gerry Busch
Topic: 1037 Message: 1039

No, judging by WWV the radio isn't off by more than 20 hz. I think this has more to do with my own lack of knowledge about the tuning of fax signals. I can actually vary the pitch quite a bit before I lose the image altogether, and so I don't know how high the pitch is actually supposed to be.

Gerry

-----Original Message-----
From: rolloatwerk <webmechanic@...>
To: icomr75@yahoogroups.com <icomr75@yahoogroups.com>
Date: January 31, 2002 5:28 PM
Subject: [icomr75] Re: HF Weather Fax Reception with R75

>--- In icomr75@y..., "Gerry Busch" <german_to_english@y...> wrote:
>>
>> A couple of references I have (one of them from NOAA itself) indicate that I
>> should actually be using a frequency offset of -1.9 kHz, but the pitch seems
>> much too high when I try that, and the fax program loses sync.
>
>Have you tried zero-beating WWV at 15 or 20 Mhz to see if your radio's on frequency? Although it seems that 700 Hz would be off way more than most R75s. They're pretty good from the factory.
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>To unsubscribe from this group, send an email to:
>icomr75-unsubscribe@egroups.com
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1040. Re: [icomr75] Re: HF Weather Fax Reception with R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-01 01:20:42 UTC
From: Radostin Danev
Topic: 1037 Message: 1040

Hi Gerry,

Try Jvcomm32. Here:

http://www.jvcomm.de/indexe.html

This is the best software I could find for HFFAX and SSTV. The shareware version stamps each picture with "JVcomm32" but I don't mind it. It has a spectrum display which makes the fine tuning of the signals very easy. R75 is very good at digital signals because of its stability and 1/10Hz tuning. Use the dual PBT to "frame" the received signal.

Best regards,

Rado

1041. Re: [icomr75] Re: HF Weather Fax Reception with R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-01 01:56:25 UTC
From: Gerry Busch
Topic: 1037 Message: 1041

Thanks, Rado. I'm satisfied enough with WXSAT's results not to bother downloading Jvcomm32, at least for the time being. BTW, I use TrueTTY for my RTTY monitoring and CWGET for Morse code. Both of them are shareware by Sergei Podstrigailo (http://www.dxsoft.com), and simple to use. Of course, as you say, the R75 makes digital reception very easy.

Gerry

-----Original Message-----
From: Radostin Danev <rado@...>
To: icomr75@yahoogroups.com <icomr75@yahoogroups.com>
Date: January 31, 2002 7:19 PM
Subject: Re: [icomr75] Re: HF Weather Fax Reception with R75

>Hi Gerry,
>
>Try Jvcomm32. Here:
>
>http://www.jvcomm.de/indexe.html
>
>This is the best software I could find for HFFAX and SSTV. The shareware
>version stamps each picture with "JVcomm32" but I don't mind it. It has a
>spectrum display which makes the fine tuning of the signals very easy. R75
>is very good at digital signals because of its stability and 1/10Hz tuning.
>Use the dual PBT to "frame" the received signal.
>
>Best regards,
>
> Rado
>
>
>
>
>To unsubscribe from this group, send an email to:
>icomr75-unsubscribe@egroups.com
>
>
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>

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1042. New to the List

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-01 13:27:26 UTC
From: sarmento2k
Topic: 1042 Message: 1042

Hi,

This is a test message.

Sarmento Campos
Rio de Janeiro - Brazil
Icom R75 / Sony 7600G

1043. Re: HF Weather Fax Reception with R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-01 15:29:15 UTC
From: rolloatwerk
Topic: 1037 Message: 1043

--- In icomr75@y..., "Gerry Busch" <german_to_english@y...> wrote:
> I think this has
> more to do with my own lack of knowledge about the tuning of fax signals. I
> can actually vary the pitch quite a bit before I lose the image altogether,
> and so I don't know how high the pitch is actually supposed to be.

There are sound samples of a lot of digital modes at:
http://www.kb9ukd.com/digital/

Even more at:
http://people.wiesbaden.netsurf.de/~signals/DIG_intro.htm

1044. Cost for added items

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-01 15:49:22 UTC
From: Ron M
Topic: 1044 Message: 1044

Hi,
I have a R75 which is a nice receiver, after adding all the filters, Stability Oscillators I end up to spending over $1000 or close to it. The DSP works well on stronger signals to remove noise but distorts the voice some (even at a level 3-4 setting), on weak signals. I had been trying to sell my R75 for $700 with over $1,100 invested, offers would come in at $650 tops, that told me that putting more money into this unit when Icom seems to cheapen the price regulary was dumb, but I had already bought them. I decided to purchase another receiver to compare side by side with the R75 since I wasn't happy with the performance after all I added, I was used to a NRD535D and a Icom 71A, both the best in their day. I purchased a RX350 by TenTec and wow! Quiet, plus all the filters that you can choose from (34), is amazing, just a turn of the bandwidth knob and you are actually listening to what you wish to hear instead of trying to get the signal in clear by tuning several knobs, buttons only to find out the signal has faded and gone, but you tried your best to hear it. I don't sell for TenTec but I have to tell you, they have a winner here and its priced right. If you wish to enter freq's via keypad you will need to purchase it seperate, its worth it to be able to sit in your chair and sit back and tune the world.

MY 2cents worth of opinion with 12+ years of monitoring experience. My whole reveiw on rx350 is on the yahoo groups if you wish to read it.

Ron M

1045. Re: [icomr75] Re: HF Weather Fax Reception with R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-01 16:36:46 UTC
From: Gerry Busch
Topic: 1037 Message: 1045

rolloatwerk wrote:

>There are sound samples of a lot of digital modes at:
>http://www.kb9ukd.com/digital/
>
>Even more at:
>http://people.wiesbaden.netsurf.de/~signals/DIG_intro.htm

Thanks very much for that; it turns out that the pitch of the sample weather fax and the pitch I've been using on the ICOM R75 are dead on!

As Rado has mentioned, this receiver is very good at decoding digital signals. Besides weather fax, I've had very little difficulty decoding CW, RTTY, FEC-AMTOR, PSK31 and ham AX25 packet transmissions.

My first experiences with RTTY were about 15 years ago, when I bought a little RTTY reader with a one-line LED display. At that time I faced the frustration of using a rather unstable receiver, the Radio Shack DX-302, and had to keep my hand on the tuning knob at all times. The tuning wasn't fine enough, either. When that receiver bit the dust - albeit prematurely - I bought a Sony ICF-2010, which was more stable, but it tuned in 100 kHz increments at best, so it was still hard to get decent RTTY performance.

The reader itself was primitive, too. PC software has changed all that, although my computer radiates into the receiver pretty severely, regardless of all the preventative measures I've taken. The twin PBT helps me in that regard by narrowing the passband.

Gerry

_____
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1046. Re: [icomr75] Cost for added items

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-02 00:08:55 UTC
From: Kurt
Topic: 1044 Message: 1046

Ron
Where in the Yahoo groups is your review of the RX 350
Thanks,
Kurt
----- Original Message -----
From: "Ron M" <rmonfeli@...>
To: <icomr75@yahoogroups.com>
Sent: Friday, February 01, 2002 8:49 AM
Subject: [icomr75] Cost for added items

> Hi,
> I have a R75 which is a nice receiver, after adding all the filters,
> Stability Oscillators I end up to spending over $1000 or close to it. The
> DSP works well on stronger signals to remove noise but distorts the voice
> some (even at a level 3-4 setting), on weak signals. I had been trying to
> sell my R75 for $700 with over $1,100 invested, offers would come in at
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> them. I decided to purchase another receiver to compare side by side with
> the R75 since I wasn't happy with the performance after all I added, I was
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> from (34), is amazing, just a turn of the bandwidth knob and you are
> actually listening to what you wish to hear instead of trying to get the
> signal in clear by tuning several knobs, buttons only to find out the
> signal has faded and gone, but you tried your best to hear it. I don't
> sell for TenTec but I have to tell you, they have a winner here and its
> priced right. If you wish to enter freq's via keypad you will need to
> purchase it seperate, its worth it to be able to sit in your chair and sit
> back and tune the world.
>
> MY 2cents worth of opinion with 12+ years of monitoring experience. My
> whole reveiw on rx350 is on the yahoo groups if you wish to read it.
>
> Ron M
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
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>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

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1047. Re: Cost for added items

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-02 02:03:25 UTC
From: just_rtfm
Topic: 1044 Message: 1047

Ron:

i'll pay devils advocate: what exactly were you unhappy about with your R-75? i bought mine for $570 with DSP... that's less than half the RX-350's price. Is the RX-350's display better than the R-75's? how about the buttons? what about the controls (AF, RF, TS)? is it more sensitive? more stable? better dynamic range? better image rejection? is the reception significantly better than the $300 RX-320? if not i could buy a filter, RX-320, and R-75 for the price of the RX-350.

the R-75 doesn't have 34 bandwidths; however, the PBT's allow bandwidths from 1 to 2.4 kHz. btw, how does FM sound? is the RX-350 honestly better than the R-75 for utilities? how about for SWLing? is it better than a Drake R8B for SWLing? after paying for a keypad the price is right up there with the Drake.

phil :)

1048. Re: [icomr75] Cost for added items

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-02 03:04:26 UTC
From: Ron M
Topic: 1044 Message: 1048

Kurt,
Its in the rx350@yahoogroups.com

Ron M

At 05:08 PM 2/1/02 -0700, you wrote:
>Ron
>Where in the Yahoo groups is your review of the RX 350
>Thanks,
>Kurt
>----- Original Message -----
>From: "Ron M" <rmonfeli@...>
>To: <icomr75@yahoogroups.com>
>Sent: Friday, February 01, 2002 8:49 AM
>Subject: [icomr75] Cost for added items
>
>
> > Hi,
> > I have a R75 which is a nice receiver, after adding all the filters,
> > Stability Oscillators I end up to spending over $1000 or close to it. The
> > DSP works well on stronger signals to remove noise but distorts the voice
> > some (even at a level 3-4 setting), on weak signals. I had been trying to
> > sell my R75 for $700 with over $1,100 invested, offers would come in at
> > $650 tops, that told me that putting more money into this unit when Icom
> > seems to cheapen the price regulary was dumb, but I had already bought
> > them. I decided to purchase another receiver to compare side by side with
> > the R75 since I wasn't happy with the performance after all I added, I was
> > used to a NRD535D and a Icom 71A, both the best in their day. I purchased
> > a RX350 by TenTec and wow! Quiet, plus all the filters that you can
>choose
> > from (34), is amazing, just a turn of the bandwidth knob and you are
> > actually listening to what you wish to hear instead of trying to get the
> > signal in clear by tuning several knobs, buttons only to find out the
> > signal has faded and gone, but you tried your best to hear it. I don't
> > sell for TenTec but I have to tell you, they have a winner here and its
> > priced right. If you wish to enter freq's via keypad you will need to
> > purchase it seperate, its worth it to be able to sit in your chair and sit
> > back and tune the world.
> >
> > MY 2cents worth of opinion with 12+ years of monitoring experience. My
> > whole reveiw on rx350 is on the yahoo groups if you wish to read it.
> >
> > Ron M
> >
> >

> >
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[Non-text portions of this message have been removed]

1049. Re: [icomr75] Re: Cost for added items

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-02 04:21:13 UTC
From: Ron M
Topic: 1044 Message: 1049

Phil,
You can read the specs about the rx350 at the TenTec web site or Universal Radio web site. I am not unhappy with my R75, its a great receiver for the money but again when you start adding other items it adds up, for example: buy 2 filters as most users are doing, thats almost $300 added to the original cost, now your investment is almost $900. I had my mint condition R75 with over $1100 invested as I stated for a long time on all the reliable sites, no takers at a very fair price of $700. even if you didn't want the adds I had that was a great price just for the filters alone, that is my point, if you are intending to enhance a great $600 receiver up to that kind of value then consider one that already has them as standard features and better technology, something else besides the rx350 even, we all have different tastes and monitoring conditions to consider.

NR on the rx350 outperforms the NR on the R75, lets face it there is a difference right off the bat with IF DSP compared to AF DSP, the R75 NR is even adjustable, the rx350 isn't but will be in the future. That is the beauty of this receiver, when the company upgrades or adds features every user gets them for free. I really believe you are getting more than your moneys worth with this kind of service.

Do I really think the rx350 is better for Utility DXing? YES! that is mostly what I listen to. It is much quieter than the R75 therefore allowing the signal thats in the noise level on the R75 be heard well on the rx350. What little SWLing I do the receiver seemed to work fine especially the S-AM, which works on the rx350, if you know what I mean. Initially the S-AM was set incorrectly on the first set of receivers but with a simple upgrade off the web its fixed and working well.

I never owned a Drake receiver before so I can't compare them, I believe the R8B has a great reputation for SWLing and sound. As far as the TenTec rx320, I don't know a thing about it either. See I'm not a tech with equipment to tell you if the dynamic range, image rejection, etc. is better or not, but I can tell you from real experience in one of the hardest areas to DX from, the west coast, that the rx350 is better than my NRD535D that I had and thought was one of the best in its class.

Some will make a big deal about purchasing the keypad separately but its not a big deal, in fact there are a number of benefits, one being able to sit back and relax instead of sitting over the receiver, and I know all about that.

You know in this hobby we tend to spend what we can afford and stretch it from there. I am one who spent all the extra money for the R75 wanting it to be a fantastic receiver and got a little better one, so I know what its like to over do it. I plan on keeping the R75 as it will be a great

secondary unit, just not that great as an $1100 one.

Ron M

At 02:03 AM 2/2/02 +0000, you wrote:
>Ron:
>
>i'll pay devils advocate: what exactly were you unhappy about with
>your R-75? i bought mine for $570 with DSP... that's less than half
>the RX-350's price. Is the RX-350's display better than the R-75's?
>how about the buttons? what about the controls (AF, RF, TS)? is it
>more sensitive? more stable? better dynamic range? better image
>rejection? is the reception significantly better than the $300 RX-
>320? if not i could buy a filter, RX-320, and R-75 for the price of
>the RX-350.
>
>the R-75 doesn't have 34 bandwidths; however, the PBT's allow
>bandwidths from 1 to 2.4 kHz. btw, how does FM sound? is the RX-350
>honestly better than the R-75 for utilities? how about for SWLing? is
>it better than a Drake R8B for SWLing? after paying for a keypad the
>price is right up there with the Drake.
>
>phil :)
>
>
>
>
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[Non-text portions of this message have been removed]

1050. Re[2]: [icomr75] Re: Cost for added items

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-02 04:30:11 UTC
From: Marv
Topic: 1044 Message: 1050

Hello Ron,
I agree that we tend to spend what we can afford and go from there but
I have to tell you that my radio with 2 filters that fit me just fine
for what I do (SSB DXing) and the DSP was a grand total of $775 with shipping.
Marv

1051. Re: Cost for added items

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-02 04:47:24 UTC
From: just_rtfm
Topic: 1044 Message: 1051

Ron:

thanks for the reply. i agree that the R-75's filters are a little steep in cost. part of the problem IMO is that we are all looking for that silver bullet. i might buy a filter for my R-75 but its not going to perform miracles. if i want bang for the buck spending $10 on some wire and building another antenna will get me further.

in a side by side comparison what have you noticed for UTE dxing? i am all ears! i am sure there are a lot of others who would like to get the scoop too.

i know what you mean about people 'stretching' what they have. i've already decided that if there is a 'next' unit for me it'll be an RX-340 or what ICOM has brewing as an R-75 replacement if they put in their 32-bit DSP (ala 756 Pro). i'm not going to end up purchasing 20 units (that's what we all say lol) :).

phil :)

1052. Re: [icomr75] Re: Cost for added items

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-02 05:55:46 UTC
From: Ron M
Topic: 1044 Message: 1052

Phil,
When you have your earphones on and the noise level is right up there with the faint voice your dying to hear and you tune your heart out and just can't get it to where its legible, well the rx350 takes you to legibility! and fast. I'll give you an example of a com I was trying to hear, it was noisy as it usually is here so I changed the bandwidth up to 3.9kHz (changed to one of the 34 filters), wide yes but voice was clearer in with the noise level and it didn't matter that the wide filter added another level of noise because then I turned on the DSP NR and I was almost in heaven, there was the voice clear and readable, yes it has some of the DSP digital tone to it but its clear, you need to turn up the volume some when the NR is turned on when listening to weak signals like I do.
A bonus is the screen that the rx350 has, its LCD, the clock is present while all other info is shown there also including Alpha Tags. The spectrum sweep display gives you up to a 2.4 MHz spread of activity to view and is a nice feature. Having 128 channels per bank is really nice especially with 8 total banks, now I can have all the AF freqs in one, special operations freqs in another etc.
I believe the TenTec folks have incorporated a lot of what they learned with the rx340 which I also was considering, after all I'm never satisfied especially when the next distant signal is there and you want so much to hear that one to, but I thought I'd try this 350 out since the Transceiver version, Jupiter, was getting great reviews, in fact, it was one of the 10 items to buy for the holidays in Monitoring Times last December page 74.

Ron M

At 04:47 AM 2/2/02 +0000, you wrote:
>Ron:
>
>thanks for the reply. i agree that the R-75's filters are a little
>steep in cost. part of the problem IMO is that we are all looking for
>that silver bullet. i might buy a filter for my R-75 but its not
>going to perform miracles. if i want bang for the buck spending $10
>on some wire and building another antenna will get me further.
>
>in a side by side comparison what have you noticed for UTE dxing? i
>am all ears! i am sure there are a lot of others who would like to
>get the scoop too.
>
>i know what you mean about people 'stretching' what they have. i've
>already decided that if there is a 'next' unit for me it'll be an RX-
>340 or what ICOM has brewing as an R-75 replacement if they put in
>their 32-bit DSP (ala 756 Pro). i'm not going to end up purchasing 20
>units (that's what we all say lol) :).

>
>phil :)
>
>
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[Non-text portions of this message have been removed]

1053. Re: AM (MW)530-1700 Antenna ?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-02 06:15:21 UTC
From: just_rtfm
Topic: 523 Message: 1053

as i understand it you can still hook them up if you get the model
that has the jack (541-M version) or if you just wrap a wire around
the outside perimeter and put the two ends into the 500 ohm terminals
in back of the radio. maybe the antenna experts will come in and set
us all straight.

phil :)

1054. Re: [icomr75] Re: Cost for added items

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-02 07:14:11 UTC
From: Tim and Nancy Logan
Topic: 1044 Message: 1054

Hi folks -

For what it's worth to potential shoppers, I got my R75, the Kiwa mods, an Inrad filter, and an ICOM filter for less than $1000 and it works just great - far better than the Drake R8B which I tested and which would have been about $1300 plus. I'm pretty pleased. I'm also pleased to hear people are very happy with ther TT RX350... When they want to, TenTec can do great things. If you're a cw op - TenTec is your place to be! 73/Tim Logan KB7OEX

Marv wrote:
>
> Hello Ron,
> I agree that we tend to spend what we can afford and go from there but
> I have to tell you that my radio with 2 filters that fit me just fine
> for what I do (SSB DXing) and the DSP was a grand total of $775 with shipping.
> Marv
>
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1055. RE: [icomr75] Re: HF Weather Fax Reception with R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-02 17:22:15 UTC
From: Enrique A. Wembagher
Topic: 1037 Message: 1055

Gerry,
I use for multimode signals a RadioRaft program, this decode automatically the signals received. ex: baudot, pactor, and others; for Wefax signals I use JVfax 7.0 (freeware).
They work in MS-DOS and they don't need big hardware requirements.
Just you should connect a comparator interface among in R75 (rec out) and COM1 or COM2 of your PC.
See more details:

http://www.TheOffice.net/RadioRaft for download RadioRaft free version

http://www.hffax.de for download JVFAX 7.0 or 7.1

Saludos
Enrique

Enrique A. Wembagher
Buenos Aires, Argentina

> -----Mensaje original-----
> De: Gerry Busch [mailto:german_to_english@...]
> Enviado el: Viernes, 01 de Febrero de 2002 13:37
> Para: ICOM R75 Group
> Asunto: Re: [icomr75] Re: HF Weather Fax Reception with R75
>
>
> rolloatwerk wrote:
>
> >There are sound samples of a lot of digital modes at:
> >http://www.kb9ukd.com/digital/
> >
> >Even more at:
> >http://people.wiesbaden.netsurf.de/~signals/DIG_intro.htm
>
> Thanks very much for that; it turns out that the pitch of the sample
> weather fax and the pitch I've been using on the ICOM R75 are dead on!
>
> As Rado has mentioned, this receiver is very good at decoding digital
> signals. Besides weather fax, I've had very little difficulty
> decoding CW,
> RTTY, FEC-AMTOR, PSK31 and ham AX25 packet transmissions.
>
> My first experiences with RTTY were about 15 years ago, when I bought a
> little RTTY reader with a one-line LED display. At that time I faced the

> frustration of using a rather unstable receiver, the Radio Shack
> DX-302, and
> had to keep my hand on the tuning knob at all times. The tuning
> wasn't fine
> enough, either. When that receiver bit the dust - albeit prematurely - I
> bought a Sony ICF-2010, which was more stable, but it tuned in 100 kHz
> increments at best, so it was still hard to get decent RTTY performance.
>
> The reader itself was primitive, too. PC software has changed all that,
> although my computer radiates into the receiver pretty severely,
> regardless
> of all the preventative measures I've taken. The twin PBT helps
> me in that
> regard by narrowing the passband.
>
> Gerry
>
> _____ Do You
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>

1056. Diamond Discone with R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-03 13:28:11 UTC
From: sd4643
Topic: 1056 Message: 1056

Help, newbie question about using Discone antenna with a R75 will I get decent coverage? TIA, Stan

1057. R75 AM sensivity

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-03 16:37:39 UTC
From: Sarmento Fernandes R Campos
Topic: 1057 Message: 1057

Hi

I've just purchased a R75 and it seems that its AM sensivity is limited by
an specific atenuator.

Does anyone knows how to disable it ?

Regards

Sarmento Campos
Rio de Janeiro - Brasil

[Non-text portions of this message have been removed]

1058. Re: R75 AM sensivity

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-03 21:43:58 UTC
From: just_rtfm
Topic: 1057 Message: 1058

Sarmento:

you are correct, there is an attenuator. check message #178 about how to disable it. as i understand it involves soldering together two half-moon pads in the left rear of the unit on the printed circuit board. see the files section for a photo of the region.

phil :)

1059. Re: Subject: Diamond Discone with R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-04 01:05:57 UTC
From: Eddie Bryant
Topic: 1059 Message: 1059

> Subject: Diamond Discone with R75
>
> Help, newbie question about using Discone antenna with a R75 will I
> get decent coverage? TIA, Stan

Not really. The Diamond Discone is for VHF/UHF reception in the
25-1300 MHz range and really has very little gain. It may work
adequately for the 25-54 MHz coverage of the R75 though.

A trick you could do if you already have an existing Discone antenna
installed is to just plug the center pin of the connector into the radio
leaving the ground portion completely disconnected from the radio.
This will allow your lead in wire and the antenna to both receive in a
lower range than the Discone would normally. But, as a result of this
your coax will not be shielded from any interference(computers,etc)
along the path to the antenna.

If you don't currently have an antenna consider a dipole or end-fed
wire outside in the open for best reception. There are many indoor
antennas available too but you will find many things can interfere with
your reception. Even a telescoping antenna with a 90 degree adapter
can work in a worst case scenario. The two preamps on the R75
can bring the signal up but they also introduce noise as well.

Your local Radio Shack shortwave antenna or other source such
as Groves SkyWire would probably work fine as a starter antenna.

http://www.grove-ent.com/ANT2.html

The sky is the limit when it comes to antennas!!!!! Check out the
outrageous price on this antenna:

http://www.grove-ent.com/AX12B.html

Wonder how many of those he sells?

Good Luck!
Eddie
N4UMJ

1060. Alignment

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-04 03:41:19 UTC
From: Gerry
Topic: 1060 Message: 1060

Not a question, just thought I'd share some experiences with the group: I recently discovered K2UHC's simple instructions in this group's file section for correcting the slight frequency error in the ICOM R75. Last night I finally got up the nerve to try the procedure, and it worked like a charm; not only is it now much easier to listen to shortwave AM music broadcasts in USB mode, but the speech on USB utility transmissions also sounds perfectly natural without having to detune slightly as before.

I should mention the nasty scare I got while carrying out the alignment, however: The crystal suddenly stopped oscillating, and the receiver went totally dead on all frequencies. I powered it down, then up again, but still no reception whatsoever. I nearly panicked until I remembered that I had had similar experiences with other radios in the past, including low-tech ones built in the 1930's. To solve the problem, I simply turned the ferrite slug counterclockwise nearly to the top of its travel, shut off the receiver then switched it back on. The crystal went back into oscillation, upon which I turned the slug back in and was then able to complete the task of correcting the frequency error. I got pretty close; the error used to be anywhere from 15 to 30 hz, but is now only 4 hz. when tuned to WWV at 10 mHz, 5 hz. at 15 mHz, and 7 hz. at 20 mHz. I may try tweaking it even closer when I get a chance.

BTW, when listening to shortwave AM broadcasts in USB mode (to reduce the effect of fading), I often use the widest filter possible if there is no interference from an adjacent station - i.e. both of the standard filters set to 15 kHz. The sound is much more pleasant that way. No, I've never tried the S-AM mods, because I have neither the expertise nor the proper equipment here to do so. Comparing the sound of AM in wide USB mode on the ICOM to the sound of AM on my Sony ICF-2010 with its synch detector switched on, the ICOM performs far better, so I'm not too worried about synchronous detection.

Gerry

_____
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1061. RES: [icomr75] Re: R75 AM sensivity

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-04 03:46:11 UTC
From: Sarmento Fernandes R Campos
Topic: 1057 Message: 1061

Thks all for help !
-----Mensagem original-----
De: just_rtfm [mailto:just_rtfm@...]
Enviada em: Sunday, February 03, 2002 7:44 PM
Para: icomr75@yahoogroups.com
Assunto: [icomr75] Re: R75 AM sensivity

Sarmento:

you are correct, there is an attenuator. check message #178 about how
to disable it. as i understand it involves soldering together two
half-moon pads in the left rear of the unit on the printed circuit
board. see the files section for a photo of the region.

phil :)

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1062. Pre-Selector

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-04 15:24:35 UTC
From: danbar_54
Topic: 1062 Message: 1062

Would a pre-selector, such as the MFJ-1045, perform any useful
function with the ICOM 75A???
Thanks,
Dan

1063. Re: Pre-Selector

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-04 23:45:56 UTC
From: just_rtfm
Topic: 1062 Message: 1063

Dan:

it shouldn't hurt but honestly i tried using one i bought for my portable and it did not really help. i am happy it didn't... because who wants to fool with it anyway? the R-75 has eight bandpass filters in the front end that are switched on/off depending on the frequency... seems to work real well.

phil :)

1064. RE: [icomr75] Pre-Selector

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-05 01:31:07 UTC
From: Enrique A. Wembagher
Topic: 1062 Message: 1064

Dan,
In any receiver it is very good!
Much of the used antenna depends, I use it to adapt the impedance of my Inverted V and rx.
Their syntonize stage allows to alleviate the work of the R75 or another rx, and the signal is very improved.
I usually use PREAMP 1 of the R75 and I place GAIN of the mfj in medium position.
I also use it in my Sangean 909 when I make dx expeditions and it is great help with longwires antennas.
A friend has a 1040B which allows to connect 2 antennas and it is identical electronically at the 1045c, only some small differences.
You can choose anyone of them.
73?s
Enrique

Enrique A. Wembagher
Buenos Aires, Argentina

> -----Mensaje original-----
> De: danbar_54 [mailto:danbar_54@...]
> Enviado el: Lunes, 04 de Febrero de 2002 12:25
> Para: icomr75@yahoogroups.com
> Asunto: [icomr75] Pre-Selector
>
>
> Would a pre-selector, such as the MFJ-1045, perform any useful
> function with the ICOM 75A???
> Thanks,
> Dan
>
>
>
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1065. Re: Pre-Selector

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-05 04:08:35 UTC
From: rsakabu
Topic: 1062 Message: 1065

Hello Dan,
I have the MFJ-1040B which I got used at a very good price.
Frankly, it serves 2 purposes. It is used as an A/B switch when I want to do comparisons between 2 receivers with the same antenna and it serves as a switch to disconnect the antenna when not in use to protect it from any static electricity the antenna may pick up. My antenna is a 75 foot (25m) wire antenna and the R-75 has more than enough sensitivity for any of my needs and amplifying the signal any more usually just amplifies the noise. I have used it with a few receivers that are low in sensitivity and it makes a big difference, but if your R-75 is working properly, you really don't need it.

73
Roy

1066. Re: Pre-Selector

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-07 00:07:17 UTC
From: w1193
Topic: 1062 Message: 1066

YES! I use the MFJ-1045C all the time. Its great. I have a Ground Plane outdoor antenna which covers 20-1500Mhz and use the MFJ-1045C inline with it to the R-75. It does a GREAT job of tuning the antenna and the preamp amplifies the signal after its preselected thus getting rid of most of the noise. I would'nt live without it.

I have the DSP with the R-75 and hardly use it. Frankly I wish I had just purchased an ANALOG Receiver instead of the R-75, it takes a while to get used to its quietness and is harder to tune than the analog types although I like the digital readout.

:-)

--- In icomr75@y..., "danbar_54" <danbar_54@y...> wrote:
> Would a pre-selector, such as the MFJ-1045, perform any useful
> function with the ICOM 75A???
> Thanks,
> Dan

1067. Re: [icomr75] Re: Pre-Selector

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-07 00:36:48 UTC
From: Bruce Jensen
Topic: 1062 Message: 1067

--- w1193 <w1193@...> wrote:

> I have the DSP with the R-75 and hardly use it.
> Frankly I wish I had
> just purchased an ANALOG Receiver instead of the
> R-75, it takes a
> while to get used to its quietness...<

Ahh, a masochist, eh? ;-) Around here, I find the R75 is plenty noisy - noisier than my analog sets in many cases; the DSP is essential - I couldn't stand the noise without it.

> and is harder to tune than the analog types although
I like the digital readout.<

I'd love to hear why you think the incredibly easy-to-tune R75 is harder to tune in than, say, a Realistic DX-160. I have both, and finding the right station on the right frequency is easier by a *country mile* on the R75, and that's on AM. When you're talking SSB or ECSS tuning, that difference changes to a light-year.

Bruce Jensen

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1068. Receiver location...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-07 07:14:21 UTC
From: handheld45
Topic: 1068 Message: 1068

My R75 is in the mail (UPS). The most convenient location for the receiver is going to be on the same desk that holds my PC. The radio would be about 18 - 24 inches from tower and 8 inches from the monitor. Is being so close to the computer equipment going to cause any noise problems? I would assume using the Antenna #1 connection would allow less interference than the bare wire antenna #2 connection. Any ideas or opinions would be welcome and appreciated.

Sean KG6GIY

1069. Re: Receiver location...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-07 07:38:43 UTC
From: just_rtfm
Topic: 1068 Message: 1069

Sean:

for what it is worth my laptop inches away from the unit causes no problems unless the RS-232 is hooked up because the trackpad is putting out some RF noise through it. monitors can sometimes cause problems. congratulations on your choice... you're going to like your R-75!

phil :)

1070. Re: [icomr75] Receiver location...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-07 13:58:04 UTC
From: Marv
Topic: 1068 Message: 1070

Hello handheld45,

Wednesday, February 06, 2002, 11:14:21 PM, you wrote:

h> My R75 is in the mail (UPS). The most convenient location for the
h> receiver is going to be on the same desk that holds my PC. The radio
h> would be about 18 - 24 inches from tower and 8 inches from the
h> monitor. Is being so close to the computer equipment going to cause
h> any noise problems? I would assume using the Antenna #1 connection
h> would allow less interference than the bare wire antenna #2
h> connection. Any ideas or opinions would be welcome and appreciated.

h> Sean KG6GIY

I have my R75 in between two desktops, within 6 inches of one of the
monitors and I receive little or no interference, although that
changes as the frequency received changes. I don't use ANT2 so I can't
address that issue.

--
Best regards,
Marv mailto:bizjetmech@...

1071. Re: [icomr75] Receiver location...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-07 15:06:11 UTC
From: Gerry
Topic: 1068 Message: 1071

I'm beginning to think that the amount of RFI depends on the make of the computer. This is my second (and definitely my LAST) Compaq, it is a laptop, and nothing has helped me eradicate the noise from the keyboard, processor, mouse, etc. -- even the power adapter; the monitor is the least of my worries. I often power down the computer altogether so I can enjoy shortwave reception, unless I'm using RTTY decoding software, of course.

If I boot up my old Compaq, which is a desktop at the other end of the house, I can even hear that one on some SW frequencies.

I'm using coax feedline to ANT1, and the antenna is outside the house. Ferrite beads have accomplished absolutely nothing.

Gerry

-----Original Message-----
From: Marv <bizjetmech@...>
To: handheld45 <handheld45@...>
Cc: icomr75@yahoogroups.com <icomr75@yahoogroups.com>
Date: February 7, 2002 7:58 AM
Subject: Re: [icomr75] Receiver location...

>Hello handheld45,
>
>Wednesday, February 06, 2002, 11:14:21 PM, you wrote:
>
>h> My R75 is in the mail (UPS). The most convenient location for the
>h> receiver is going to be on the same desk that holds my PC. The radio
>h> would be about 18 - 24 inches from tower and 8 inches from the
>h> monitor. Is being so close to the computer equipment going to cause
>h> any noise problems? I would assume using the Antenna #1 connection
>h> would allow less interference than the bare wire antenna #2
>h> connection. Any ideas or opinions would be welcome and appreciated.
>
>h> Sean KG6GIY
>
>
>I have my R75 in between two desktops, within 6 inches of one of the
>monitors and I receive little or no interference, although that
>changes as the frequency received changes. I don't use ANT2 so I can't
>address that issue.
>
>--
>Best regards,
> Marv mailto:bizjetmech@...
>

>

-----Original Message-----
From: Marv <bizjetmech@...>
To: handheld45 <handheld45@...>
Cc: icomr75@yahoogroups.com <icomr75@yahoogroups.com>
Date: February 7, 2002 7:58 AM
Subject: Re: [icomr75] Receiver location...

>Hello handheld45,
>
>Wednesday, February 06, 2002, 11:14:21 PM, you wrote:
>
>h> My R75 is in the mail (UPS). The most convenient location for the
>h> receiver is going to be on the same desk that holds my PC. The radio
>h> would be about 18 - 24 inches from tower and 8 inches from the
>h> monitor. Is being so close to the computer equipment going to cause
>h> any noise problems? I would assume using the Antenna #1 connection
>h> would allow less interference than the bare wire antenna #2
>h> connection. Any ideas or opinions would be welcome and appreciated.
>
>h> Sean KG6GIY
>
>
>I have my R75 in between two desktops, within 6 inches of one of the
>monitors and I receive little or no interference, although that
>changes as the frequency received changes. I don't use ANT2 so I can't
>address that issue.
>
>--
>Best regards,
> Marv mailto:bizjetmech@...

_____
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1072. Re: [icomr75] Receiver location...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-07 15:51:27 UTC
From: Dave
Topic: 1068 Message: 1072

Are you using a LAN? My Linksys router/hub spews all manner of RF garbage.
----- Original Message -----
From: Gerry
To: icomr75@yahoogroups.com
Sent: Thursday, February 07, 2002 15:06
Subject: Re: [icomr75] Receiver location...

I'm beginning to think that the amount of RFI depends on the make of the computer. This is my second (and definitely my LAST) Compaq, it is a laptop, and nothing has helped me eradicate the noise from the keyboard, processor, mouse, etc. -- even the power adapter; the monitor is the least of my worries. I often power down the computer altogether so I can enjoy shortwave reception, unless I'm using RTTY decoding software, of course.

If I boot up my old Compaq, which is a desktop at the other end of the house, I can even hear that one on some SW frequencies.

I'm using coax feedline to ANT1, and the antenna is outside the house. Ferrite beads have accomplished absolutely nothing.

Gerry

-----Original Message-----
From: Marv <bizjetmech@...>
To: handheld45 <handheld45@...>
Cc: icomr75@yahoogroups.com <icomr75@yahoogroups.com>
Date: February 7, 2002 7:58 AM
Subject: Re: [icomr75] Receiver location...

>Hello handheld45,
>
>Wednesday, February 06, 2002, 11:14:21 PM, you wrote:
>
>h> My R75 is in the mail (UPS). The most convenient location for the
>h> receiver is going to be on the same desk that holds my PC. The radio
>h> would be about 18 - 24 inches from tower and 8 inches from the
>h> monitor. Is being so close to the computer equipment going to cause
>h> any noise problems? I would assume using the Antenna #1 connection
>h> would allow less interference than the bare wire antenna #2
>h> connection. Any ideas or opinions would be welcome and appreciated.
>
>h> Sean KG6GIY
>
>
>I have my R75 in between two desktops, within 6 inches of one of the
>monitors and I receive little or no interference, although that

>changes as the frequency received changes. I don't use ANT2 so I can't
>address that issue.
>
>--
>Best regards,
> Marv mailto:bizjetmech@...
>
>

-----Original Message-----
From: Marv <bizjetmech@...>
To: handheld45 <handheld45@...>
Cc: icomr75@yahoogroups.com <icomr75@yahoogroups.com>
Date: February 7, 2002 7:58 AM
Subject: Re: [icomr75] Receiver location...

>Hello handheld45,
>
>Wednesday, February 06, 2002, 11:14:21 PM, you wrote:
>
>h> My R75 is in the mail (UPS). The most convenient location for the
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>h> monitor. Is being so close to the computer equipment going to cause
>h> any noise problems? I would assume using the Antenna #1 connection
>h> would allow less interference than the bare wire antenna #2
>h> connection. Any ideas or opinions would be welcome and appreciated.
>
>h> Sean KG6GIY
>
>
>I have my R75 in between two desktops, within 6 inches of one of the
>monitors and I receive little or no interference, although that
>changes as the frequency received changes. I don't use ANT2 so I can't
>address that issue.
>
>--
>Best regards,
> Marv mailto:bizjetmech@...

_____
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[Non-text portions of this message have been removed]

1073. Yet another AM audio tip

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-07 16:16:49 UTC
From: Dave Ulrick
Topic: 1073 Message: 1073

Hi,

I've had my R75 for over a month, but I'm still learning about cool things I can do with it.

While searching the Internet the other day, I found an old post with a tip on how to use the R75's RF gain control in conjunction with AGC OFF to reduce AM fading distortion. In essence, you do something like the following. For this to work, you have to use the SET menu to enable the RF gain control; the R75's factory settings disable RF gain. Try this procedure with a rapidly fading SW broadcaster that causes a lot of audio "pumping".

1. With F.AGC activated and with "P HOLD" turned off (via the SET menu), note the highest reading of the S-meter.

2. Turn the RF gain counter-clockwise until the S-meter is "stuck" reading just about the same as, or a little higher than, the peak reading. You may already notice a dramatic reduction in fading. If you're satisfied with what you hear, there's no need to proceed to the next step.

3. Hold down the AGC button until "AGC OFF" shows up on the display, and adjust the RF gain control until the S-meter again matches or slightly exceeds the peak reading from step 1. If you still hear a little "pumping", turn RF gain a bit counter-clockwise. If the signal seems to "cut out" once in a while, turn RF gain clockwise until it stabilizes.

I've played around with this method on quite a few stations. Given a station which suffers from rapid fading, this technique can often give you very stable audio without having to resort to ECSS (although ECSS usually gives even _more_ stable audio).

A bonus, albeit often a small one, is that the S-AM mode seems to work most effectively when this method is first used to eliminate the AGC "pumping". I've used the SET menu to permanently turn on the S-AM detector. This seems to make the S-AM detector "lock" a bit better. It seems that if I do steps 1 and 2 in AM mode, then switch to S-AM mode before turning the AGC off, the audio is sometimes a little more stable (voices have less of a "flutter" effect) than if I stick to AM mode. You might find it be most convenient to leave AGC OFF in S-AM mode; if you do so, you can switch to S-AM and turn AGC OFF with the press of one button. On the other hand, you may find that the RF gain/AGC OFF trick itself does enough to stabilize the R75's AM audio that there's no need to mess with S-AM.

So far, I'm quite impressed by the results I've gotten with this technique. This trick combined with the R75's excellent ECSS performance (especially with the optional 3.3 kHz filter) helps persuade me that the R75 is a better program listening radio than many reviews might lead us to believe. Unfortunately, some of the R75's default settings (e.g., RF gain disabled and S-AM set to automatic) don't make this radio sound its best in its (S-)AM mode, and ICOM's manual for the R75 doesn't exactly go out of its way to explain _how_ to use the receiver's controls most effectively. Perhaps those of us who use the R75 should work together to create a HOWTO or FAQ with tips such as this one. If you're already working on such a site (Phil?), feel free to include this post.

Disclaimer: the technique I describe is an old, old one that I've seen mentioned in several books and Internet postings. SWLs have used it for many, many years. I make no claim to be its inventor.

Dave
--
==========
Dave Ulrick, Systems Programmer E-mail: d-ulrick@...
Northern Illinois University Web: http://www.niu.edu/~ulrick/
DeKalb, IL, USA

1074. Re: [icomr75] Receiver location...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-07 16:18:40 UTC
From: Gerry
Topic: 1068 Message: 1074

No, I don't have a LAN card in either machine. I access the internet via a dialup connection, and I'm usually offline when listening. BTW, the only physical connection between the receiver and the laptop is from the receiver's tape output jack to the soundcard (for RTTY, etc.), but I get just as much interference when I unplug the patch cord at both ends.

To Sean, who started this thread: Not to worry; your new ICOM R75 is very well shielded; the interference is definitely not the receiver's fault.

Gerry

-----Original Message-----
From: Dave <rickets@...>
To: icomr75@yahoogroups.com <icomr75@yahoogroups.com>
Date: February 7, 2002 9:52 AM
Subject: Re: [icomr75] Receiver location...

>Are you using a LAN? My Linksys router/hub spews all manner of RF garbage.
> ----- Original Message -----
> From: Gerry
> To: icomr75@yahoogroups.com
> Sent: Thursday, February 07, 2002 15:06
> Subject: Re: [icomr75] Receiver location...
>
>
> I'm beginning to think that the amount of RFI depends on the make of the
> computer. This is my second (and definitely my LAST) Compaq, it is a
> laptop, and nothing has helped me eradicate the noise from the keyboard,
> processor, mouse, etc. -- even the power adapter; the monitor is the least
> of my worries. I often power down the computer altogether so I can enjoy
> shortwave reception, unless I'm using RTTY decoding software, of course.
>
> If I boot up my old Compaq, which is a desktop at the other end of the
> house, I can even hear that one on some SW frequencies.
>
> I'm using coax feedline to ANT1, and the antenna is outside the house.
> Ferrite beads have accomplished absolutely nothing.
>
> Gerry
>
> -----Original Message-----
> From: Marv <bizjetmech@...>
> To: handheld45 <handheld45@...>
> Cc: icomr75@yahoogroups.com <icomr75@yahoogroups.com>

> Date: February 7, 2002 7:58 AM
> Subject: Re: [icomr75] Receiver location...
>
>
> >Hello handheld45,
> >
> >Wednesday, February 06, 2002, 11:14:21 PM, you wrote:
> >
> >h> My R75 is in the mail (UPS). The most convenient location for the
> >h> receiver is going to be on the same desk that holds my PC. The radio
> >h> would be about 18 - 24 inches from tower and 8 inches from the
> >h> monitor. Is being so close to the computer equipment going to cause
> >h> any noise problems? I would assume using the Antenna #1 connection
> >h> would allow less interference than the bare wire antenna #2
> >h> connection. Any ideas or opinions would be welcome and appreciated.
> >
> >h> Sean KG6GIY
> >
> >
> >I have my R75 in between two desktops, within 6 inches of one of the
> >monitors and I receive little or no interference, although that
> >changes as the frequency received changes. I don't use ANT2 so I can't
> >address that issue.
> >
> >--
> >Best regards,
> > Marv mailto:bizjetmech@...
> >
> >
>
> -----Original Message-----
> From: Marv <bizjetmech@...>
> To: handheld45 <handheld45@...>
> Cc: icomr75@yahoogroups.com <icomr75@yahoogroups.com>
> Date: February 7, 2002 7:58 AM
> Subject: Re: [icomr75] Receiver location...
>
>
> >Hello handheld45,
> >
> >Wednesday, February 06, 2002, 11:14:21 PM, you wrote:
> >
> >h> My R75 is in the mail (UPS). The most convenient location for the
> >h> receiver is going to be on the same desk that holds my PC. The radio
> >h> would be about 18 - 24 inches from tower and 8 inches from the
> >h> monitor. Is being so close to the computer equipment going to cause
> >h> any noise problems? I would assume using the Antenna #1 connection
> >h> would allow less interference than the bare wire antenna #2
> >h> connection. Any ideas or opinions would be welcome and appreciated.
> >

> >h> Sean KG6GIY
> >
> >
> >I have my R75 in between two desktops, within 6 inches of one of the
> >monitors and I receive little or no interference, although that
> >changes as the frequency received changes. I don't use ANT2 so I can't
> >address that issue.
> >
> >--
> >Best regards,
> > Marv mailto:bizjetmech@...
>
>
> _____
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> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
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>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
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>
>[Non-text portions of this message have been removed]
>
>
>
>To unsubscribe from this group, send an email to:
>icomr75-unsubscribe@egroups.com
>
>
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>

_____
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1075. Re: Receiver location...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-07 17:30:52 UTC
From: rsakabu
Topic: 1068 Message: 1075

When I place my R-75 near my desktop computer (5-6 feet away), I get terrible noise. This is with a longwire antenna so a coax arrangement would probably help. When I tried it with a Gateway notebook computer, no noise at all. My latest experimet was to string out six 9-pin RS-232 cables together (about 35 feet) and make a 40 foot 1/8" to 1/8" plug twisted pair wire and put the radio in another room to be controlled by the computer. RS-232 is rated only to go about 12 feet, but this arrangement worked fine, even the sound was fine through the soundcard and speakers. It was good enough to catch PSK31 QSO's, SWBC listening and some CW decoding.

Would I use it as a permanent solution, no. But it worked :)

73
Roy

1076. Re: Yet another AM audio tip

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-07 17:54:12 UTC
From: lucretius3
Topic: 1073 Message: 1076

```
--- In icomr75@y..., Dave Ulrick <d-ulrick@n...> wrote:
> Disclaimer: the technique I describe is an old, old one that I've
> seen mentioned in several books and Internet postings. SWLs have
used
> it for many, many years. I make no claim to be its inventor.

Yesirree. It's good for OTHER radios too! Also a useful step in
pinpointing the cause of distortion (through process of elimination)
by comparing the sound achieved from this method to sound achieved
with the AGC on.

--
Michael Moore

>
> Dave
> --
>
========================================================================
> Dave Ulrick, Systems Programmer E-mail: d-ulrick@n...
> Northern Illinois University Web: http://www.niu.edu/~ulrick/
> DeKalb, IL, USA
```

1077. Re: [icomr75] Receiver location...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-07 18:01:11 UTC
From: Bob
Topic: 1068 Message: 1077

--- Dave <rickets@...> wrote:
> Are you using a LAN? My Linksys router/hub spews
> all manner of RF garbage.

Amen to that! I have the same problem. The hub is in the basement and my R-75 is on the first floor above it and it obliterates weak signals on the radio. Does anybody have ideas for quieting it down? My R-75 is plugged into a commercial grade Isobar filtered power strip and my antenna feedline is not running near the hub.

=====
Regards,
Bob
==========
Monitoring from suburban
Philadelphia, PA USA
==========

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1078. Re: [icomr75] Re: Receiver location...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-07 18:11:04 UTC
From: Bob
Topic: 1068 Message: 1078

--- rsakabu <rsakabu@...> wrote:

> RS-232 is rated only
> to go about 12 feet, but this arrangement worked
> fine, even the sound
> was fine through the soundcard and speakers

Where did you hear the "12 foot rule" from? I have
been using a 25 foot homebrew serial cable for months
now with no problems (my R-75 is in another room than
the PC is. The cable runs from the PC through the
floor to the basement and up through the floor again
into the living room where my receiver is.) At work,
we also use serial cables of 20 and 30 foot lenghts to
control environmental chambers from a PC. I don't know
what the actual limit is for a serial cable, but my
experience has been that it is greater than 12 feet.

=====
Regards,
Bob
========================
Monitoring from suburban
Philadelphia, PA USA
========================

____
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1079. Re: [icomr75] Re: Receiver location...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-07 18:49:43 UTC
From: efricha@dimensional.com
Topic: 1068 Message: 1079

>
> --- rsakabu <rsakabu@...> wrote:
>
> > RS-232 is rated only
> > to go about 12 feet, but this arrangement worked
> > fine, even the sound
> > was fine through the soundcard and speakers
>
> Where did you hear the "12 foot rule" from?

Bob,

Honest, that's the spec! However, of all specs that have been violated over the years the RS232 one has to be the worst. You'd have trouble finding any piece of equipment that cannot do better than the spec.

(Other violations involve what is 1 and 0 on the signal lines. Cheap GPS cables that connect NMEA to RS-232 count on the UARTS being "loose" with the interpretation of 1 and 0 to transfer the data -- a proper cable would have an RS232 driver in it.)

At the extreme case, I had a former employer that ran RS232 lines outside for over a quarter mile carrying data at 19.2. Never could get budget for fiber optics but always got money to replace blown out RS232 drivers... sigh...

Eric

> I have
> been using a 25 foot homebrew serial cable for months
> now with no problems (my R-75 is in another room than
> the PC is. The cable runs from the PC through the
> floor to the basement and up through the floor again
> into the living room where my receiver is.) At work,
> we also use serial cables of 20 and 30 foot lenghts to
> control environmental chambers from a PC. I don't know
> what the actual limit is for a serial cable, but my
> experience has been that it is greater than 12 feet.
>
> =====
> Regards,
> Bob
> ========================
> Monitoring from suburban
> Philadelphia, PA USA
> ========================

>

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

1080. Re: [icomr75] Re: Receiver location...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-07 19:30:46 UTC
From: Bob
Topic: 1068 Message: 1080

--- efricha@... wrote:

> Bob,
>
> Honest, that's the spec!

That's interesting, Eric. I never would have imagined.
Guess we blew that spec out of the water! It would be
interesting to see just how long one could go with a cable.

=====
Regards,
Bob
========================
Monitoring from suburban
Philadelphia, PA USA
========================

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1081. Re: [icomr75] Digest Number 298

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-07 19:36:49 UTC
From: Eddie Bryant
Topic: 1081 Message: 1081

Sean KG6GIY wrote:

> Subject: Receiver location...
>
> My R75 is in the mail (UPS). The most convenient location for the
> receiver is going to be on the same desk that holds my PC. The radio
> would be about 18 - 24 inches from tower and 8 inches from the
> monitor. Is being so close to the computer equipment going to cause
> any noise problems? I would assume using the Antenna #1 connection
> would allow less interference than the bare wire antenna #2
> connection. Any ideas or opinions would be welcome and appreciated.

Hello KG6GIY,

Use an outside antenna if possible with shielded coax.

I have a desktop computer by my R75 here and it does create problems.
Mainly the Monitor and ..believe it or not.. the printer interferes with it
too.
The power supply for my HP printer and my Motorola BroadBand
Modem were both troublemakers. When you get your R75 you will
certainly know who the offenders are pretty quick. It was surprising to
me on the Sony monitor because I opened it up and looked around inside
of it and it has extensive metal shielding inside. I have heard of spraying
the monitor plastic casing with a conductive metalized paint to increase the
shielding but have not gone that far. And there are ferrite cores you could
install on the interconnecting cables on your accessories connected
to your computer to reduce interference too.

Again an outside/external antenna is preferable but relocation of the
R75 could prevent the interference problems too. But, I think most people
like to surf and Shortwave at the same time so it can be a nuisance. I
currently just accept whatever noise is present here when the computer
is on and have found not all frequencies are blanketed by it. But it's
quite a few!

Good Luck on you new R75! I think you will be happy with it.

Eddie N4UMJ

1082. Re: [icomr75] Receiver location...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-07 19:52:04 UTC
From: AutoTest
Topic: 1068 Message: 1082

Sean,

It is a complex subject in eliminating noise in radios caused by computers. First you need to determine how much noise there is and then you can work on eliminating it. I have a number of radios and computers in my shack, so I have some experience in eliminating the problems.

Get it set up and see how things are then get back to me and I will post the solutions via the list.

As for Phil (just_rtfm), the RS232 ports can be one of the biggest culprits. In Desktop systems the metal case is earthed to the mains supply and the where the RS232 exits the case it is important to ensure that the outer part of the RS232 port (9 pin connector) is also earthed to the case. It make look like it is, but the spray painting of the case may be causing it to be insulated. Take the system apart and remove the paint on the inside of the case to ensure that there is a good connection, same goes for all items that exit the case. So Phil, you can look at the same thing for the laptop, but with a plastic case then there is a problem. Get a high quality RS232 cable (or make one) that uses shielded cable and ensure again that the outer part of the RS232 connector is connected to that shield. Also try Ferrite suppressors (clamp on type) on the cable at both ends.

Regards

David Brown
Sydney, Australia

----- Original Message -----
From: "handheld45" <handheld45@...>
To: <icomr75@yahoogroups.com>
Sent: Thursday, February 07, 2002 6:14 PM
Subject: [icomr75] Receiver location...

> My R75 is in the mail (UPS). The most convenient location for the
> receiver is going to be on the same desk that holds my PC. The radio
> would be about 18 - 24 inches from tower and 8 inches from the
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> any noise problems? I would assume using the Antenna #1 connection
> would allow less interference than the bare wire antenna #2
> connection. Any ideas or opinions would be welcome and appreciated.
>
> Sean KG6GIY
>
>
>
> To unsubscribe from this group, send an email to:

> icomr75-unsubscribe@egroups.com
>
>
>
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>
>

1083. Re: [icomr75] Re: Receiver location...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-07 19:59:22 UTC
From: efricha@dimensional.com
Topic: 1068 Message: 1083

>
> --- efricha@... wrote:
>
> > Bob,
> >
> > Honest, that's the spec!
>
> That's interesting, Eric. I never would have imagined.
> Guess we blew that spec out of the water! It would be
> interesting to see just how long one could go with a cable.
>

"A little inaccuracy saves tons of explanation."

Actually that *WAS* the spec. RS232 went through at least 5
revisions, and is now called, I think, EIA-232-E. Or something
like that. Who knows any more? Where's the Firewire port on
my radio?

Eric

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

1084. Re: [icomr75] Re: Receiver location...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-07 20:15:52 UTC
From: AutoTest
Topic: 1068 Message: 1084

Many years ago I was commissioned to do a study on RS232 cables and the specs (there are many) and things have settled for RS232C, the 'C' being a particular spec, (there are more ways to wire a RS232 cable than you think). I will need to search my attic for the papers I wrote, but if I remember correctly the max distance was around 300 feet.

Seems that lots of people have got computer noise problems in their radios, Can't write anything just at this minute as I have to leave for a few hours

Will get back with some answers later today.

David Brown
Sydney Australia

----- Original Message -----
From: <efricha@...>
To: <icomr75@yahoogroups.com>
Cc: "Eric F. Richards" <efricha@...>
Sent: Friday, February 08, 2002 5:49 AM
Subject: Re: [icomr75] Re: Receiver location...

> >
> > --- rsakabu <rsakabu@...> wrote:
> >
> > > RS-232 is rated only
> > > to go about 12 feet, but this arrangement worked
> > > fine, even the sound
> > > was fine through the soundcard and speakers
> >
> > Where did you hear the "12 foot rule" from?
>
> Bob,
>
> Honest, that's the spec! However, of all specs that have been violated
> over the years the RS232 one has to be the worst. You'd have trouble
> finding any piece of equipment that cannot do better than the spec.
>
> (Other violations involve what is 1 and 0 on the signal lines. Cheap
> GPS cables that connect NMEA to RS-232 count on the UARTS being "loose"
> with the interpretation of 1 and 0 to transfer the data -- a proper
> cable would have an RS232 driver in it.)
>
> At the extreme case, I had a former employer that ran RS232 lines
> outside for over a quarter mile carrying data at 19.2. Never could
> get budget for fiber optics but always got money to replace blown
> out RS232 drivers... sigh...

>
> Eric
>
> > I have
> > been using a 25 foot homebrew serial cable for months
> > now with no problems (my R-75 is in another room than
> > the PC is. The cable runs from the PC through the
> > floor to the basement and up through the floor again
> > into the living room where my receiver is.) At work,
> > we also use serial cables of 20 and 30 foot lenghts to
> > control environmental chambers from a PC. I don't know
> > what the actual limit is for a serial cable, but my
> > experience has been that it is greater than 12 feet.
> >
> > =====
> > Regards,
> > Bob
> > ========================
> > Monitoring from suburban
> > Philadelphia, PA USA
> > ========================
> >
>
> --
> Eric F. Richards
> efricha@...
> "The weird part is that I can feel productive even when I'm doomed."
> - Dilbert
>
>
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>
>
>
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>
>

1085. Re: [icomr75] Receiver location...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-07 22:33:20 UTC
From: Dave
Topic: 1068 Message: 1085

Has anybody tried the 802 Wireless LAN? 2 gig shouldn't bother HF at all.
----- Original Message -----
From: Bob
To: icomr75@yahoogroups.com
Sent: Thursday, February 07, 2002 18:01
Subject: Re: [icomr75] Receiver location...

--- Dave <rickets@...> wrote:
> Are you using a LAN? My Linksys router/hub spews
> all manner of RF garbage.

Amen to that! I have the same problem. The hub is in
the basement and my R-75 is on the first floor above
it and it obliterates weak signals on the radio. Does
anybody have ideas for quieting it down? My R-75 is
plugged into a commercial grade Isobar filtered power
strip and my antenna feedline is not running near the
hub.

=====
Regards,
Bob
========================
Monitoring from suburban
Philadelphia, PA USA
========================

_____
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[Non-text portions of this message have been removed]

1086. Re: Yet another AM audio tip

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-07 23:24:43 UTC
From: just_rtfm
Topic: 1073 Message: 1086

hello Dave:

thank you for the tip. i was given a similar tip by Bryant that i put on my site (still as yet on my hard drive, my ISP's servers are still not online... argh!). i have about 10+ tips and lots of pictures and sound files. i am somewhat unsure of how the site will be 'taken' since i gathered information from all over the web. i just wanted to put up a site that i wish was out there a few months ago when i re-entered the hobby. btw, that is the first tip... it is a very good one indeed!

phil :)

1087. Re: Receiver location...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-07 23:35:49 UTC
From: just_rtfm
Topic: 1068 Message: 1087

David:

thank you for the information regarding the RS232C... i wrote a tiny control program and sort of gave up fooling with PC control because the noise was bad. most was coming from when i used the trackpad. maybe the laptop manufacturers cut some corners?

phil :)

1088. Re[2]: [icomr75] Receiver location...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-07 23:55:20 UTC
From: Marv
Topic: 1068 Message: 1088

Hello Bob,

Thursday, February 07, 2002, 10:01:11 AM, you wrote:

B> --- Dave <rickets@...> wrote:
>> Are you using a LAN? My Linksys router/hub spews
>> all manner of RF garbage.
I get absolutely nothing from my Netgear hub.

Best regards,
Marv mailto:bizjetmech@...

1089. Re: [icomr75] Re: Receiver location...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-08 00:05:15 UTC
From: Mark J. Fine
Topic: 1068 Message: 1089

From: "just_rtfm" <just_rtfm@...>
> thank you for the information regarding the RS232C... i wrote a tiny
> control program and sort of gave up fooling with PC control because
> the noise was bad. most was coming from when i used the trackpad.
> maybe the laptop manufacturers cut some corners?

Having some experience in this area, I can tell you this is more an issue with how good a ground you use and how far the antenna is from the computer, than the actual radio.

The first thing to do is get the antenna as far away from the house as possible. Not only does this reduce any noise generated from the computer, but TVs, VCRs, DVDs... you name it.

The second thing to do is to ensure that the shield of the coax is well grounded. Nominally, this can occur in two places: 1) as close as possible to where the coax leaves the house, and 2) as close as possible to where the coax meets the antenna. I used to think that a good ground was myth (especially when you live in the foothills of the Blue Ridge), but after installed a ground system this past Winter, I was convinced at what an improvement it makes. Well worth the effort, and I think some of my recent logs speak for themselves.

The third thing to do is to use as many toroids as possible on every bloody cable and power line in and out of your computer. This won't affect the noise entering *through* the cable as someone mentioned, but it will significantly reduce any noise that is inductively re-introduced from the monitor, and the computer's clocking signal.

If you've got the money, I recommend getting a flat panel display instead of a CRT, since they don't radiate nearly as much. If you're stuck with a CRT display, I recommend you *don't* try using a conductive spray inside the monitor case. Not only is it a dangerous task for people that have never opened a TV before (ever see a TV deflection yolk fry something or someone?), but most modern CRT displays already have the coating. Most of the radiation will be through the glass anyway, so unless you have a TEMPEST-proof monitor there's not much you can do - again, get the antenna *away* from the house.

Laptops can be less noisy *if* you run from batteries and not from a switching power supply. Most laptop screens do not radiate much and are a lot quieter than desktop CRTs (see my flat-panel recommendation above - same theory). Most switching power supplies are extremely noisy because of the nature of DC-DC conversion going on. Anything with a square wave is going to theoretically create harmonics all the way up the spectrum.

73,

Mark J. Fine / mark.fine@...
Remington, Virginia, USA

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- East Coast Monitor, Monitoring Times: http://www.grove-ent.com
- English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa

1090. First msg to list

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-08 00:21:45 UTC
From: gpseed
Topic: 1090 Message: 1090

Hi all

Just thought i'd post an introductory msg !

Got my R-75 in September 1999, to replace a Kenwood R-2000 - And i must admit - the 75s a great receiver!

Haven't done any mods, admittedly i don't use the S-AM feature that much, wasn't aware that it didn't work totally!

Mainly use the 75 for Data Modes, FAX/SSTV/RTTY etc, and BC band listening!

sorry its a bit of a short intro!

Mark
(2W1MDH)

1091. Re: Receiver location...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-08 02:18:09 UTC
From: rolloatwerk
Topic: 1068 Message: 1091

--- In icomr75@y..., "Mark J. Fine" <mark.fine@f...> wrote:
(lots of good stuff)

Mark Fine. Hmmm. Fineware?

Your software is too good to even WANT to steal.
As soon as I can figure out where to put my R75 so that I can get the most of your product, I'll BUY it.

Nice work.

1092. Re: [icomr75] Receiver location...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-08 10:23:41 UTC
From: Zacharias Liangas
Topic: 1068 Message: 1092

So far i use th ANT2 as my antenna connection . What i can say is still with random wire there are not so significant problems with my monitor . Only carriers and a little higher noise level on freqs above 12 mHz .

I had nearly same carrier levels when i conencted a trial dipole

My monitor is half meter far from receiver. Receiver is also connected with computer vbia a 9 pin cable

On 7 Feb 2002 at 5:58, you wrote:

> Hello handheld45,
>
> Wednesday, February 06, 2002, 11:14:21 PM, you wrote:
>
> h> My R75 is in the mail (UPS). The most convenient location for the
> h> receiver is going to be on the same desk that holds my PC. The radio
> h> would be about 18 - 24 inches from tower and 8 inches from the
> h> monitor. Is being so close to the computer equipment going to cause
> h> any noise problems? I would assume using the Antenna #1 connection
> h> would allow less interference than the bare wire antenna #2
> h> connection. Any ideas or opinions would be welcome and appreciated.
>
> h> Sean KG6GIY
>
>
> I have my R75 in between two desktops, within 6 inches of one of the
> monitors and I receive little or no interference, although that
> changes as the frequency received changes. I don't use ANT2 so I can't
> address that issue.
>
> --
> Best regards,
> Marv mailto:bizjetmech@...
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
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>
>

_____
pen-DX sejak 72 - anggota World-DX-Club 2104,Play DX, dll
PP: R75/HF150/MVT7100/D2935 + 16m/1x1 + MFJ16010/1040/1025/752c/462
http://www.geocities.com/zliangas/
/trip2k.htm (dlm Bkk,SNG,BAli) /MP3_comp.htm comparison Xing/Fastenc
/napa.htm crash test Napa DAV315 MP3 player

1093. Re: Receiver location...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-08 15:58:30 UTC
From: benarden
Topic: 1068 Message: 1093

If you can use a coax feed in for Ant 1,that might help
and consider putting soe sort of vented RF impenetrable surrounding
over 5 sides of your monitor;metal foil, metal scrteening, even
silveredplastic may help

--- In icomr75@y..., "Zacharias Liangas" <zliangas@c...> wrote:
> So far i use th ANT2 as my antenna connection . What i can say is
still with random
> wire there are not so significant problems with my monitor . Only
carriers and a little
> higher noise level on freqs above 12 mHz .
>
> I had nearly same carrier levels when i conencted a trial dipole
>
> My monitor is half meter far from receiver. Receiver is also
connected with computer
> vbia a 9 pin cable
>
>
>
> On 7 Feb 2002 at 5:58, you wrote:
>
> > Hello handheld45,
> >
> > Wednesday, February 06, 2002, 11:14:21 PM, you wrote:
> >
> > h> My R75 is in the mail (UPS). The most convenient location for
the
> > h> receiver is going to be on the same desk that holds my PC. The
radio
> > h> would be about 18 - 24 inches from tower and 8 inches from the
> > h> monitor. Is being so close to the computer equipment going to
cause
> > h> any noise problems? I would assume using the Antenna #1
connection
> > h> would allow less interference than the bare wire antenna #2
> > h> connection. Any ideas or opinions would be welcome and
appreciated.
> >
> > h> Sean KG6GIY
> >
> >
> > I have my R75 in between two desktops, within 6 inches of one of
the
> > monitors and I receive little or no interference, although that

> > changes as the frequency received changes. I don't use ANT2 so I
can't
> > address that issue.
> >
> > --
> > Best regards,
> > Marv mailto:bizjetmech@e...
> >
> >
> >
> > To unsubscribe from this group, send an email to:
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> >
> >
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http://docs.yahoo.com/info/terms/
> >
> >
>
> _____
> pen-DX sejak 72 - anggota World-DX-Club 2104,Play DX, dll
> PP: R75/HF150/MVT7100/D2935 + 16m/1x1 +
MFJ16010/1040/1025/752c/462
> http://www.geocities.com/zliangas/
> /trip2k.htm (dlm Bkk,SNG,BAli) /MP3_comp.htm comparison
Xing/Fastenc
> /napa.htm crash test Napa DAV315 MP3 player

1095. Re: [icomr75] Receiver location...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-08 20:59:58 UTC
From: E de Jong
Topic: 1068 Message: 1095

Today I received my brand new R75. It works great. Just a copper wire of 5 mtrs, hooked to the Antenna #2, and the world is in my room. In the near future I hope to get an even better antenna and better shielded coax.

The R75 is appr. 6 feet and 9 feet from two desktops + monitors, I cannot detect any interference. The only thing that I occasionally hear is the remote control of my TV when I zap channels...:-)

Ed de Jong
Balk. The Netherlands
URL: http://beam.to/galact
E-mail: ed@... <mailto:ed@...> (default)
_____
{The night hides a world but unveils a universe}

----- Original Message -----
From: Marv
To: handheld45
Cc: icomr75@yahoogroups.com
Sent: Thursday, February 07, 2002 2:58 PM
Subject: Re: [icomr75] Receiver location...

Hello handheld45,

Wednesday, February 06, 2002, 11:14:21 PM, you wrote:

h> My R75 is in the mail (UPS). The most convenient location for the
h> receiver is going to be on the same desk that holds my PC. The radio
h> would be about 18 - 24 inches from tower and 8 inches from the
h> monitor. Is being so close to the computer equipment going to cause
h> any noise problems? I would assume using the Antenna #1 connection
h> would allow less interference than the bare wire antenna #2
h> connection. Any ideas or opinions would be welcome and appreciated.

h> Sean KG6GIY

I have my R75 in between two desktops, within 6 inches of one of the
monitors and I receive little or no interference, although that
changes as the frequency received changes. I don't use ANT2 so I can't
address that issue.

--
Best regards,
Marv mailto:bizjetmech@...

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[Non-text portions of this message have been removed]

1096. Re: Receiver location...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-09 13:51:32 UTC
From: w1193
Topic: 1068 Message: 1096

I have found it is not the location of the Receiver at all! Some CRAPPY computer monitors cause unacceptable noise. I trash the monitor when I find this problem, as it just isn't worth the hassle. I also never buy the same brand of monitor that I have a problem with ever again! SO I now have a VIEWSONIC 17GS (Great!). I have numerous radios, scanners etc and computer control them all, so reliability is a MUST! The R75 is great and joins my R7100 and others within 3 ft of my monitor and computer, and since I trashed the CRAPPY monitors I have NO Interference problems anymore. Also occaisionally I find a serial cable which is noisy, it joins the rest in the trash.

It is just TOO FRUSTRATING to deal with SUB-STANDARD manufacturers and equipment in this hobby! So manufacturer's listen up... If you want to sell to me it better be a QUALITY PRODUCT or you have lost my business FOREVER!

Hope this helps someone.

:-)

--- In icomr75@y..., "E de Jong" <ed@j...> wrote:
>
> The R75 is appr. 6 feet and 9 feet from two desktops + monitors, I cannot detect any interference. The only thing that I occasionally hear is the remote control of my TV when I zap channels...:-)
>
> Ed de Jong
> I have my R75 in between two desktops, within 6 inches of one of the
> monitors and I receive little or no interference, although that
> changes as the frequency received changes. I don't use ANT2 so I can't
> address that issue.
>
> --
> Best regards,
> Marv mailto:bizjetmech@e...
>
>

1097. Re: [icomr75] Re: Receiver location...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-09 15:31:29 UTC
From: Dave
Topic: 1068 Message: 1097

Why don't you share this Gross Polluter's name with the rest of us?

I have a Viewsonic VG150 flat screen LCD, that makes almost no noise. I paid $700 for it 2 years ago. They are under $500 now. Saving my eyeballs is worth every penny.
----- Original Message -----
From: w1193
To: icomr75@yahoogroups.com
Sent: Saturday, February 09, 2002 13:51
Subject: [icomr75] Re: Receiver location...

I have found it is not the location of the Receiver at all! Some CRAPPY computer monitors cause unacceptable noise. I trash the monitor when I find this problem, as it just isn't worth the hassle. I also never buy the same brand of monitor that I have a problem with ever again! SO I now have a VIEWSONIC 17GS (Great!). I have numerous radios, scanners etc and computer control them all, so reliability is a MUST! The R75 is great and joins my R7100 and others within 3 ft of my monitor and computer, and since I trashed the CRAPPY monitors I have NO Interference problems anymore. Also occaisionally I find a serial cable which is noisy, it joins the rest in the trash.

It is just TOO FRUSTRATING to deal with SUB-STANDARD manufacturers and equipment in this hobby! So manufacturer's listen up... If you want to sell to me it better be a QUALITY PRODUCT or you have lost my business FOREVER!

Hope this helps someone.

:-)

--- In icomr75@y..., "E de Jong" <ed@j...> wrote:
>
> The R75 is appr. 6 feet and 9 feet from two desktops + monitors, I cannot detect any interference. The only thing that I occasionally hear is the remote control of my TV when I zap channels...:-)
>
> Ed de Jong
> I have my R75 in between two desktops, within 6 inches of one of the
> monitors and I receive little or no interference, although that
> changes as the frequency received changes. I don't use ANT2 so I can't
> address that issue.
>
> --
> Best regards,

> Marv mailto:bizjetmech@e...
>
>

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[Non-text portions of this message have been removed]

1098. Re:AM (MW)530-1700 Antenna ?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-09 15:34:49 UTC
From: Zacharias Liangas
Topic: 523 Message: 1098

I m neither an antenna expert but one good idea for MW antenna is to turn
8 windings of wire onto 1x1 wooden frame .
then putting one wounding over this coil , put a 500 pf at least variable
capacitor to tune the antenna

this is the well known 'australian loop ' . Most hard core Medium wave DXers
use it

On 2 Feb 2002 at 6:15, you wrote:

>
> as i understand it you can still hook them up if you get the model
> that has the jack (541-M version) or if you just wrap a wire around
> the outside perimeter and put the two ends into the 500 ohm terminals
> in back of the radio. maybe the antenna experts will come in and set
> us all straight.
>
> phil :)
>
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

---
pen-DX sejak 72 - anggota World-DX-Club 2104,Play DX, dll
PP: R75/HF150/MVT7100/D2935 + 16m/1x1 +
MFJ16010/1040/1025/752c/462
http://www.geocities.com/zliangas/
/trip2k.htm (dlm Bkk,SNG,BAli) /MP3_comp.htm comparison Xing/Fastenc
/napa.htm crash test Napa DAV315 MP3 player

1099. sources of QRN (noise) was receiver location

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-09 15:34:49 UTC
From: Zacharias Liangas
Topic: 1081 Message: 1099

Some other sources i found QRMing radios:
-Television
-Energy saving lamps . They do the hardest noise across manuy bands
especially the lowest
-Nearby motors and egines (you can cut this noise with the NB)

in addition to :
-computer monitors
-computers
-printers
-pen partner over the receiver!

Anyone has suffered fromother sources please add to this list !

_____
pen-DX sejak 72 - anggota World-DX-Club 2104,Play DX, dll
PP: R75/HF150/MVT7100/D2935 + 16m/1x1 +
MFJ16010/1040/1025/752c/462
http://www.geocities.com/zliangas/
/trip2k.htm (dlm Bkk,SNG,BAli) /MP3_comp.htm comparison Xing/Fastenc
/napa.htm crash test Napa DAV315 MP3 player

1100. Re: [icomr75] sources of QRN (noise) was receiver location

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-09 16:49:16 UTC
From: Dave
Topic: 1100 Message: 1100

Most compact fluorescent lamps are not big noise sources. Occasionally, you'll get a bad one.

My neighbors have dimmers and touch lamps, but the buzz is usually not so bad that it covers up a signal.

Neon lamps, whether in doorbell buttons or aquarium heaters can be really problematic. Also, the Grainger photoelectric flood light switches and Zenith motion detector flood lights are viscious. (BB Gun time!!!)
----- Original Message -----
From: Zacharias Liangas
To: Eddie Bryant ; icomr75@yahoogroups.com
Sent: Saturday, February 09, 2002 15:34
Subject: [icomr75] sources of QRN (noise) was receiver location

Some other sources i found QRMing radios:
-Television
-Energy saving lamps . They do the hardest noise across manuy bands
especially the lowest
-Nearby motors and egines (you can cut this noise with the NB)

in addition to :
-computer monitors
-computers
-printers
-pen partner over the receiver!

Anyone has suffered fromother sources please add to this list !

_____
pen-DX sejak 72 - anggota World-DX-Club 2104,Play DX, dll
PP: R75/HF150/MVT7100/D2935 + 16m/1x1 +
MFJ16010/1040/1025/752c/462
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/trip2k.htm (dlm Bkk,SNG,BAli) /MP3_comp.htm comparison Xing/Fastenc
/napa.htm crash test Napa DAV315 MP3 player

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[Non-text portions of this message have been removed]

1101. VI: Icom control software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-09 17:58:15 UTC
From: Teemu Juurinen
Topic: 1101 Message: 1101

Hi,

I'm plannig to buy Icom IC-R75 and would like to know, if there's any PC control software for Icom available in market, which use ILG database .

Regards
Teemu

1102. Re: [icomr75] Vl: Icom control software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-09 19:26:26 UTC
From: Dave
Topic: 1101 Message: 1102

http://www.fineware-swl.com/rldb.html
----- Original Message -----
From: Teemu Juurinen
To: icomr75@yahoogroups.com
Sent: Saturday, February 09, 2002 17:58
Subject: [icomr75] Vl: Icom control software

Hi,

I'm plannig to buy Icom IC-R75 and would like to know, if there's any PC control software for Icom available in market, which use ILG database .

Regards
Teemu

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[Non-text portions of this message have been removed]

1103. any PBT mods?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-09 20:35:25 UTC
From: just_rtfm
Topic: 1103 Message: 1103

hello all:

has anyone considered a PBT mod that would increase the PBT shift to
around 2.4 kHz? would it be possible with this setup to get down to
CW range of bandwidths? just a thought.

phil :)

1104. stock filters

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-09 21:49:53 UTC
From: gricer37
Topic: 1104 Message: 1104

what settings do people use there stock filters on.also which filter (s)would be recomended for listening to ndb's.

1105. Curing Computer Noise in Radios - PART ONE

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-10 00:11:02 UTC
From: AutoTest
Topic: 1105 Message: 1105

Computer generated noise in radios is something I have had to deal with in my shack over the years. Since the request by Sean KG6GIY, there has been many suggestions as what to do. Below summarises what I have done or know can be done to correct the problem. It is a big subject so I will put this into a number of parts - This is part one

*** The Receiver

Plug the receiver into a filtered mains supply. A number of the surge protector power boards also have
mains filtering and if it also has connections for the phone so much the better. These boards help with the other items like - touch lamps, TVs, DVDs etc.

Try using a Ferrite (clamp on) suppressor on the mains leads or wind the mains leads through a
ferrite ring, get as many turns possible for about three quarters of the ring. You can also use
ferrite rods, use three, taped together, and wind the power lead around all three the length of them,
use cable ties or string at each end.

Make sure the receiver is earthed. Connect this to a good separate earth. An 8ft copper clad steel
rod driven into the ground. Put it out in the open, if possible, so the ground around gets wet when
it rains and run a decent size wire to a terminal block (this is your earth terminal block) outside
your shack. Continue from the terminal block to the receiver's earth.

*** The Antenna

Keep the antenna as far from the computer as possible and bring the feed in using good quality co-ax
cable. Connect the outer braid to the 'earth terminal block' before continuing on to the receiver.

(This also gives you some lightening protection).

*** The Computer

*** Laptops

Many of the items below for desktop systems, also apply to laptops, so ensure you read that section
as well. The usual culprit is the switch mode power supply. Try a filtered power board to see if that
helps. Using the laptop's batteries can help you determine how bad the problem is, but using the

batteries all the time will mean they will be flat when you really want them. The answer to this is
to use Sealed Lead Acid batteries as an additional supply. A company called Targus sells a connector
that can power a laptop from a car's cigarette lighter. You can use this to connect to the SLA
batteries. I use three SLA's when I go portable with my radio and they last about 6 hours.

*** The Desktop system

The system itself generates a great deal of RF which is trying to get out. The objective is to stop
it escaping.

The outer metal case (or side panels) must make good electrical contact with the base. If the paint
on the case is stopping this happening scrape it away around the securing screws. Do this at as many
points as possible, fit additional screws.

The motherboard should make good contact with the base (earth). It probably does at some point but it
can be improved by replacing any nylon stand offs with brass ones. Check each one carefully with a
multimeter to ensure it should be earthed (some may need to be insulated).

For those people with plastic cases the best answer is to replace the case with a metal one. The form
factor is probably ATX but take the system the shop and tell them what you want to do and they will
provide you the right case for your system. You can paint the inside of the plastic case with
metallic paint or glue aluminium foil on the inside. However, remember that if any of the paint or
foil falls off (because of bad adhesion) into the motherboard then it could be goodbye system.

Many systems have a plastic front with removable plastic panels for CDROMs etc. If behind these
plastic panels there is a hole for a drive in the metal case, then cover these holes with a metal
plate.

Thus we now should have metal case which is completely enclosed. If your power supply is three pin
(active, neutral and earth) then the case will be connected to the earth via the power supply. You
can also connect this to your 'earth terminal block' which will provide some static discharge
protection and will help when we get around to discussing the monitor.

Leaving or entering the case now are items from installed cards, power supply cord, keyboard, mouse,
serial, parallel and usb ports.

For all these connectors ensure that the outer shells are making good contact with the case and that
any spray paint is not insulating them. If when checking you find that the outer shell of a connector
(say in this example, the video connector) is not connected electrically to the case then you can use
small grounding plates made from thin metal strip under the securing nuts either side of the
connector and to the case, (these are the nuts that hold the video cable securely in place).

As this is getting quite long, I will continue it in the next post.

Regards to all

[Non-text portions of this message have been removed]

1106. Re: [icomr75] Curing Computer Noise in Radios - PART ONE

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-10 01:10:09 UTC
From: Bob Laird
Topic: 1105 Message: 1106

AutoTest wrote:

>
> *** Laptops
>
> Many of the items below for desktop systems, also apply to laptops, so ensure you
> read that section
> as well. The usual culprit is the switch mode power supply. Try a filtered power
> board to see if that
> helps. Using the laptop's batteries can help you determine how bad the problem is,
> but using the
> batteries all the time will mean they will be flat when you really want them. The
> answer to this is
> to use Sealed Lead Acid batteries as an additional supply. A company called Targus
> sells a connector
> that can power a laptop from a car's cigarette lighter. You can use this to connect
> to the SLA
> batteries. I use three SLA's when I go portable with my radio and they last about 6
> hours.
>

My Dell Latitude laptop has a horribly noisy switching supply. Running it on its internal lithium battery completely cures my RFI.

I searched the Dell site, without success, for a non-switching, transformer operated 20VDC 3.5amp supply. Also looked at the Radio Shack site: found nothing.

Eventually I'll check some surplus sources. I'd bet there's something usable out there, somewhere. Also, have not yet investigated the reason for a three conductor cable and plugs between the Dell switching supply and the side of the laptop.

Sealed lead acid batteries are a good idea, but cumbersome, and seens to me not easy to get 20 volts, current limited to 3.5 amps.

Bob Laird

1107. My Stock Filter & Option Settings For AM Broadcast Listening Using ECSS (USB / LSB / CW-REV / RTTY-REV)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-14 12:52:53 UTC
From: pjrohio@ntr.net
Topic: 1107 Message: 1107

Hi All,

With my IC-R71A now being half-dead, I wanted to get
another radio.

Knowing about the 'not-so-hot' sync-AM performance of
the IC-R75, yet one of the few that will tune SSB at 1Hz
resolution, I decided to purchase this radio (May 2000).
It was $694.90 shipped, from "GROVE COMPUTER & RADIO".

99% of my use, is listening to local and world
AM broadcast. (AM shortwave, via the ECSS method.)

Radio is on, 24/7.

I set my stock radio to these settings:

Seeing that the filter settings can be adjusted for each
of the 6 different modes (AM, S-AM, SSB, CW, RTTY, and FM),
I adjusted the filters as follows:

EXP = oN
op1 = No
op2 = No

For SB / CW / RTTY (These three modes I have set the same):

(Note: Wide mode is only used to tune/zero-beat
AM signals via ECSS, unless it's indeed a SSB broadcast.
This is due to a 'strange' mixing of using the 15&15 or
or 15&6 kiloHertz filters together [via "EXP oN"].

Is there a modification to 'correct' this? If so,
I wouldn't need to purchase another filter for ECSS, yes/no?)

9M 455k

```
-----------------------
Normal 15 2.4
[N]arrow 2.4 2.4
[W]ide 15 6
```

For AM:

9M 455k

```
-----------------------
Normal 15 6
[N]arrow 2.4 2.4 *a
```

[W]ide 15 15

For S-AM / FM (These two modes I have set the same):

9M 455k

_____
Normal 15 6
[N]arrow 2.4 6
[W]ide 15 15

*a (For shifting away a strong local signal to
reveal a weak signal. Example: For me to
hear 1090 or 1110 AM and avoid WTAM 1100 AM
in Cleveland. This can also be done using
USB/LSB.)

Other optional settings (Pages 30-33 of manual):

RF/SQL = rS
AM NB = on (To select / de-select NB in AM mode.)
SAM SW = SA ("En" when surfing) [See "S-AM" below.]
CW PITCh = 30 (300Hz)
* TON = 1275 Hz (RTTY Mark Frequency)
* SFT = 425 Hz (RTTY Shift Width)

* Select any of the 3 options as needed to shift away
from interference when using RTTY-Rev or
CW-Rev ECSS listening.

Also:

ANT 1 (50 Ohm) (100-foot coax [50 or 75 Ohm, I don't remember which
I installed] to a Radio Shack dipole.)

ANT 2 (500 Ohm) (Not normally used, unless I need
to hear weaker signals on the
AM Broadcast - 530 - 1710kHz. If so, I connect
the center conducter of the PL-259, and the
shield to the ground terminal.)

Note: A cheap real-quick adapter - carefully re-shaped
paper clips (not the non-conducting color-coated
type... duh), and/or crocodile clip leads.

:D

AGC = As needed, Off/Fast/Slow. (I wish there was a slower option!)
(I liked the slower AGC on the R-71A. Why not with the R-75?)

NB = (Usually left off. Some noises and/or the same type of
noise, sometimes are 'blanked', and/or are blanked or reduced
at some frequencies, but not others.)

S-AM = (Somewhat useful.) Question - Is there such a radio that eliminates signal fade-distortion 100% during S-AM?

Anyway, are not volume dynamics more uniform in ECSS mode versus S-AM, yes/no? (From what I've heard so far, I think it is.) Besides, when a signal rises or drops, so does the audio if one is using the S-AM or AM - RF-adjust combo. (Not pretty for unattended recordings.)

Options:

[] I may buy the High Stability Crystal Unit (CR-282) at some point. (Room Temperature shift = Frequency shift. Sort of a problem when using the ECSS method with 1Hz tuning and unattended timer-set recordings.)

[] Perhaps the DSP unit, too.

Audio: Some distortion noted in ECSS.

Display: LCD - Yes! Quiet vs the R71A's noisy florescent display.

Anyone on this YeyHoo Group may comment / suggest / critique my setup / usage.
Suggestions for any options and modifications for ECSS listening are welcome.

Go ahead, make my day... reply if you dare.

:D-&-=;

- Patrick

1108. Re: My Stock Filter & Option Settings For AM Broadcast Listening Using ECSS (USB / LSB / CW-REV / RTTY-REV)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-14 17:07:40 UTC
From: rsakabu
Topic: 1107 Message: 1108

> Suggestions for any options and modifications for ECSS listening
are
> welcome.
>
> Go ahead, make my day... reply if you dare.
>
>
> :D-&-=;
>
>
>
> - Patrick

Hello Patrick,
I certainly hope you are using an external speaker for SWL. It
really makes a difference and shows that the R-75 really can sound
good! The internal speaker seems to have been optimized for SSB
communications and really doesn't do the radio justice when listening
to good fidelity broadcasts.

73
Roy

1109. RE: [icomr75] My Stock Filter & Option Settings For AM Broadcast Listening Using ECSS (USB / LSB / CW-REV / RTTY-REV)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-14 22:28:55 UTC
From: Tony Berry
Topic: 1107 Message: 1109

Hello Patrick,
I read your missive with interest ,and I must
congratulate you on a well written ,thoughtful and clear idea of what you
where saying (its in layman's Language} which I understand and I am testing
out your settings! and I must say I can see a very remarkable improvement
with my radio instead of staying with the factory set settings.

thank's

Tony

-----Original Message-----
From: pjrohio@... [mailto:pjrohio@...]
Sent: Thursday, February 14, 2002 7:53 AM
To: IcomR75@...
Subject: [icomr75] My Stock Filter & Option Settings For AM Broadcast
Listening Using ECSS (USB / LSB / CW-REV / RTTY-REV)

Hi All,

With my IC-R71A now being half-dead, I wanted to get
another radio.

Knowing about the 'not-so-hot' sync-AM performance of
the IC-R75, yet one of the few that will tune SSB at 1Hz
resolution, I decided to purchase this radio (May 2000).
It was $694.90 shipped, from "GROVE COMPUTER & RADIO".

99% of my use, is listening to local and world
AM broadcast. (AM shortwave, via the ECSS method.)

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(Note: Wide mode is only used to tune/zero-beat
AM signals via ECSS, unless it's indeed a SSB broadcast.

This is due to a 'strange' mixing of using the 15&15 or
or 15&6 kiloHertz filters together [via "EXP oN"].

Is there a modification to 'correct' this? If so,
I wouldn't need to purchase another filter for ECSS, yes/no?)

9M 455k

_____
Normal 15 2.4
[N]arrow 2.4 2.4
[W]ide 15 6

For AM:

9M 455k

_____
Normal 15 6
[N]arrow 2.4 2.4 *a
[W]ide 15 15

For S-AM / FM (These two modes I have set the same):

9M 455k

_____
Normal 15 6
[N]arrow 2.4 6
[W]ide 15 15

*a (For shifting away a strong local signal to
reveal a weak signal. Example: For me to
hear 1090 or 1110 AM and avoid WTAM 1100 AM
in Cleveland. This can also be done using
USB/LSB.)

Other optional settings (Pages 30-33 of manual):

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CW PITCh = 30 (300Hz)
* TON = 1275 Hz (RTTY Mark Frequency)
* SFT = 425 Hz (RTTY Shift Width)

* Select any of the 3 options as needed to shift away
from interference when using RTTY-Rev or
CW-Rev ECSS listening.

Also:

ANT 1 (50 Ohm) (100-foot coax [50 or 75 Ohm, I don't remember which
I installed] to a Radio Shack dipole.)

ANT 2 (500 Ohm) (Not normally used, unless I need
to hear weaker signals on the
AM Broadcast - 530 - 1710kHz. If so, I connect
the center conducter of the PL-259, and the
shield to the ground terminal.)

Note: A cheap real-quick adapter - carefully re-shaped
paper clips (not the non-conducting color-coated
type... duh), and/or crocodile clip leads.

:D

AGC = As needed, Off/Fast/Slow. (I wish there was a slower option!)
(I liked the slower AGC on the R-71A. Why not with the R-75?)

NB = (Usually left off. Some noises and/or the same type of
noise, sometimes are 'blanked', and/or are blanked or reduced
at some frequencies, but not others.)

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eliminates signal fade-distortion 100% during S-AM?

Anyway, are not volume dynamics more uniform in ECSS mode
versus S-AM, yes/no? (From what I've heard so far, I think
it is.) Besides, when a signal rises or drops, so does the
audio if one is using the S-AM or AM - RF-adjust combo.
(Not pretty for unattended recordings.)

Options:

[] I may buy the High Stability Crystal Unit (CR-282) at some point.
(Room Temperature shift = Frequency shift. Sort of a problem when
using the ECSS method with 1Hz tuning and unattended timer-set
recordings.)

[] Perhaps the DSP unit, too.

Audio: Some distortion noted in ECSS.

Display: LCD - Yes! Quiet vs the R71A's noisy florescent display.

Anyone on this YeyHoo Group may comment / suggest / critique my setup /
usage.
Suggestions for any options and modifications for ECSS listening are
welcome.

Go ahead, make my day... reply if you dare.

:D-&-=;

- Patrick

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[Non-text portions of this message have been removed]

1110. FS: R75 with filters & KIWA mod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-14 20:04:58 UTC
From: kb7oex
Topic: 1110 Message: 1110

Hi folks -

I recently bought an ICOM 756PRO which includes general coverage. I've also found that I use my R75 much less than I thought I would. See my earlier posts to know how much I like the rig. I had the KIWA mods done and installed an Icom 2.8 filter on the 9Mhx board and an Inrad 1.8 on the 450 board. It has the DSP of course. I think the rig is an absolute charmer and, to be honest, it would not bother me if it doesn't sell - but I am not using it enough and can use the general coverage on the 756 (altho it certainly won't compare to general coverage on the R75). I think all of you know the price of the filters and Kiwa mods so I won't go into to detail. I would like $850 plus shipping. Thanks for reading this and have a great day!
73/KB7OEX, Tim Logan in Gilbert, AZ

1111. Re: My Stock Filter & Option Settings For AM Broadcast Listening Using ECSS (USB / LSB / CW-REV / RTTY-REV)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-15 00:12:40 UTC
From: just_rtfm
Topic: 1107 Message: 1111

hello Patrick:

> Go ahead, make my day... reply if you dare.

i liked your post, here are my 2 cents...

1 - use an external speaker such as amplified (with tone control)
computer speakers or even $2 earbuds (what i often use).

2 - some people on here have praised the 3.3 kHz filter for ECSS: it
is however an expensive filter. one trick i do is use AM mode narrow
(with dual 2.4 kHz filters) but decenter 1.2 kHz (either way) from
the original frequency. the result is louder than ECSS and the
frequency response appears different on a scope.

3 - once you get a station, turn down the RF gain, press and
hold 'AGC' two seconds (turns it OFF), and readjust RF gain till it
drops to S-10. this often helps. NOTE: remember to hit 'AGC' again
and turn it ON before going back to general tuning!

4 - the R-75 is very stable 'as is'. i would /not/ consider getting
the high stability crystal unless you need it for some special reason
like you're outside and the weather keeps varying.

5 - the DSP is excellent and to me a 'must'. if you hear noise this
will cut it down! some people claim it doesn't help very much...
might have to do with where they live (?).

phil :)

1112. Re: [icomr75] My Stock Filter & Option Settings For AM Broadcast Listening Using ECSS (USB / LSB / CW-REV / RTTY-REV)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-15 00:52:44 UTC
From: Radostin Danev
Topic: 1107 Message: 1112

Hi Patrick,

> AGC = As needed, Off/Fast/Slow. (I wish there was a slower option!)
> (I liked the slower AGC on the R-71A. Why not with the R-75?)

> Audio: Some distortion noted in ECSS.

About the above observations. Check this post:

http://groups.yahoo.com/group/icomr75/message/712

Also check the JPEG picture in the files section:

http://groups.yahoo.com/group/icomr75/files/Information/AGC%20audio%20mixing%20examples.jpg

There is audio backmixing through the AGC line into the RF chain. I fixed it by a small additional circuit in my R75 (three transistors as I remember). The circuit makes the AGC to be of a "hang" type. Now I have external pot which determines the AGC hang time - from 0 to about 3 seconds. The audio is much more pleasant with hang AGC. I did not publish this mod as it is rather difficult to perform and there is a simple workaround for the problem. Turn off the AGC and adjust the RF gain manually.

Best regards,

Rado

1113. Re: [icomr75] FS: R75 with filters & KIWA mod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-15 03:45:48 UTC
From: AE266bill@cs.com
Topic: 1110 Message: 1113

I would love to purchse this unit as my second R-75. However, I just lost 1,368 dollrs ina a bab IE deal I woulds love to ee this unity, nd would more thn asure you the sking price, olus S&H< and and extra 100.00 for truat factor. Please e-mail me back at you earliest convienievnce, or mail unit to Rev. William L Ben, 22c Alpine St, Rockland, MA 02370-7227. (Inreach Jail and Prison Ministries)

Thanks, Reverend W.L. Bean

[Non-text portions of this message have been removed]

1114. Re: [icomr75] FS: R75 with filters & KIWA mod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-15 03:51:13 UTC
From: Tim and Nancy Logan
Topic: 1110 Message: 1114

Hi -

Your message is a little bit confusing to me so bear with. If you would like to buy the unit, I would need a money order sent for $850 plus about $25 for shipping. Upon receipt of the money order I would ship.

73/KB7OEX

AE266bill@... wrote:
>
> I would love to purchse this unit as my second R-75. However, I just lost
> 1,368 dollrs ina a bab IE deal I woulds love to ee this unity, nd would more
> thn asure you the sking price, olus S&H< and and extra 100.00 for truat
> factor. Please e-mail me back at you earliest convienievnce, or mail unit to
> Rev. William L Ben, 22c Alpine St, Rockland, MA 02370-7227. (Inreach Jail
> and Prison Ministries)
>
> Thanks, Reverend W.L. Bean
>
> [Non-text portions of this message have been removed]
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
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1115. Antenna poll...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-15 15:37:09 UTC
From: handheld45
Topic: 1115 Message: 1115

I know people have posted about antennas before, but I would still like to see what type yall are using. I am starting with a home made center fed dipole on my roof, each leg being approx. 33 feet long. No balun. Coax from antenna to radio. So far it seems to do well, although I am far from being an expert.

Sean KG6GIY

1116. Re: [icomr75] Antenna poll...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-15 15:48:36 UTC
From: Scott Robson
Topic: 1115 Message: 1116

I use a folded dipole made out of 300 ohm twinlead. I run the twinlead out
of the dipole straight to the second antenna connection (no balun). Works
great with one drawback. The loss on the 300 ohm line to the radio means I
have the antenna very close to my radio.. i.e. in my bedroom, not outdoors.
This is a little noisey but otherwise I'm pretty impressed with it's
performance. Living in a third floor attic probably helps too.

Scott

handheld45 wrote:

> I know people have posted about antennas before, but I would still
> like to see what type yall are using. I am starting with a home made
> center fed dipole on my roof, each leg being approx. 33 feet long.
> No balun. Coax from antenna to radio. So far it seems to do well,
> although I am far from being an expert.
>
> Sean KG6GIY
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

--

_____
Scott Robson (PhD Student)
Department of Biochemistry
UConn Health Centre
263 Farmington Avenue
Farmington, Connecticut 06032-3305 USA
_____

http://psel.uchc.edu/~scott for web page
http://psel.uchc.edu/~scott/pubkey.txt for pgp key
(in case you have something naughty to write to me)

1117. Re: [icomr75] Antenna poll...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-15 16:25:17 UTC
From: Dave
Topic: 1115 Message: 1117

My R-75 is fed with a single piece of 22g stranded, Teflon (r) coated wire about 120' long from a vent in my garage to a 30' mast in the corner of the yard sloping to the fence on the other side of the yard. Connected directly to the Hi-z input. Works great.
----- Original Message -----
From: handheld45
To: icomr75@yahoogroups.com
Sent: Friday, February 15, 2002 15:37
Subject: [icomr75] Antenna poll...

I know people have posted about antennas before, but I would still
like to see what type yall are using. I am starting with a home made
center fed dipole on my roof, each leg being approx. 33 feet long.
No balun. Coax from antenna to radio. So far it seems to do well,
although I am far from being an expert.

Sean KG6GIY

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[Non-text portions of this message have been removed]

1118. I Am Curious???

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-15 18:34:25 UTC
From: woody07823
Topic: 1118 Message: 1118

Hello all.
This is my first post in the forum.
Just wanted to say thanks for all the great posts that benefit newbies like me.
On to the meat of the post.
I've got an R-75 coming in the near future from Universal Radio.
It'll be my first shortwave receiver and I couldn't be more excited.
I've read a lot about the "Kiwa" mods and was wondering if any of you had them done to your R-75's? Could you explain, in very simple terms, what the real world differences are from the unmodified receiver?
It looks like the total cost for the 450KHz filter upgrade, Synch. Detector Upgrade, and Audio Upgrade is $170. Is this correct?
I would consider doing this after my 1 yr warranty runs out if they actually improve real world performance.
Also, how long did the total process take from shipping the R-75 out, till it was back at your front door?
Thank you very much,
Lenny

1119. Hum-free computer speakers?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-15 19:28:20 UTC
From: Dave Ulrick
Topic: 1119 Message: 1119

Hi,

Some of you have mentioned that you have connected a pair of computer speakers to your R75. I've done this and it works fine, _but_ the "wall-wort" transformer for my speakers (Yamaha brand) puts out a good deal of hum. I can hear the hum behind some of the strong SW broadcast stations, such as HCJB at 9745 kHz (approximately 0400 UTC; my QTH is in north central Illinois). I know the speakers are the culprit because there's no hum if I unplug them and use a shielded hi-fi stereo speaker (one of the popular compact black metal speakers from Radio Shack) in their place. Therefore, I've moved the computer speakers to one of my computers and kept the passive speaker on the R75.

Recently, I've moved the computer which uses these speakers into the same room as the R75. Thankfully, my computer and monitor put out little if any RFI, but now the noisy transformer is back in the same room as the R75, humming just as before. Whether the computer and monitor are on or off, I hear the hum whenever the speakers' transformer is plugged into the wall; turning off the speakers without unplugging their transformer doesn't eliminate the hum.

I'm prepared to experiment with ferrite cores since I have some on hand, but if they don't solve the problem, could you recommend a make/model of computer speakers with a decent transformer that won't mess up my SW listening?

Thanks,
Dave
--
==========
Dave Ulrick, Systems Programmer E-mail: d-ulrick@...
Northern Illinois University Web: http://www.niu.edu/~ulrick/
DeKalb, IL, USA

1120. Replies to you Posters

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-15 20:33:46 UTC
From: philberttroy
Topic: 1120 Message: 1120

I have the Kiwa mods and yes to me it was well worth it.
The filter choices all make sense, the audio was greatly improved and the synch. mod helps the radio lock and provides some improvement in severe selective fading conditions. There is no great cure to the synch. problem, however with the mod. and the rf gain control coupled with if tuning there are some definate improvements.
I would say a week to ten days from what I have seen to get the radio done and back. Craig from KIWA is a genuine person who has an extensive engineering background and cares for each radio sent in as if it was his own.
I have a 80 foot longwire antenna fed to a mfj959c antenna tuner preamp via rg58 cable. I also have a discone fed to the tuner as well and a direct feed of the long-wire to the high z input for compairison purposes. The tuner is effective only from around 3mhz up, and I suspect it is because my wire is so short (reminds me of my first divorce but I digress). The preamp is absolutely non effective. In fact, it completely wipes out all reception. I suspect that the front end becomes overloaded with garbage.
The straight long wire in all cases is inferior to the tuner combination, even when the tuner is switched out. I think the matching of coax directly to the radio provides a better impedance to the 75. I also have a ground connection directly to a copper pipe that is grounding both the radio and the shield from the rg 58.
All of these items are available at universal radio or radio shack for not much cash.
Testing the 75 vs other radio this morning put it near the top if not the top. Performance on medium wave is superior to all with the exception of the sat. 800 which gets the edge due to audio and excellent synch. feature.
Shortwave performance tested receiving radio cultural in Guatemala City put the 75 in second place behind my icom ic-r8500 which surprised me greatly since the 8500 is touted as a vhf and uhf radio. The 75 seems better than all the rest of my radios including a jrc 535d.
I would be interested in hearing from the rest of you people who have tested the 75 vs other radios in your shack.
Finally the speaker problem, I use one of two speakers....either the cheap radio shack21-549b or the cheap rca40-5001 on sale at radio shack as well. The rca is a bit too base oriented for dx, but for program listening it can't be beat. I wish there was a mod. to allow for a.m. stereo reception...rado??? anyone?????
I too would love to spend a few min. reading your tests and antenna stories. I learned what I wanted to do antenna wise from this group and from various gentlemen met through e-bay (yes there are some nice people who sell there and care about radio like we do).

Please ramp up the posts guys its the weekend and I need something to do other than sugaring my own chalupa.....hahaha.
Phil

1121. Re: [icomr75] HF Weather Fax Reception with R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-10 03:14:41 UTC
From: pjrohio@ntr.net
Topic: 1037 Message: 1121

Gerry,

I used to do the SB modes also, with my older R-71A
(now sitting in storage, needing fixed-up). This was with
an Alden unit (a Bob Grove special clearance purchase).

I now have the R-75, and when I get a new computer system
(and get away from Windows 3.11), I just may try weather
fax imagery again, this time viewed on my 19" monitor.

:)

- Patrick.

> I'm currently using the ICOM R75 with WXSat software to decode
> radiofacsimile transmissions from various coastal stations. This is done
> through a simple audio connection between the tape output jack and my
> soundcard's microphone input. Everything works far better than I expected,
> but I wonder if anyone else has tried fax reception on the R75. If so,
> which settings do you use?
>
> I've tried various modes and offsets, and all of them work to some degree.
> For a while I was using RTTY mode with both filters at 2.4 kHz, and tuning
> the receiver about 0.2 kHz lower than the listed frequency, i.e. I decoded
> the 17151.2 kHz Pacific weather broadcasts from NOAA by tuning to 17151.0
> kHz in RTTY mode (normal, not reverse). I've now discovered that USB gives
> me a better picture, because I can take better advantage of the twin PBT.
> This lets me filter out a lot more of the background noise (esp. from the
> PC), despite the fact that I use the same filter widths in either mode.
> After lots of experimentation, I have settled on an offset of -1.2 kHz, i.e.
> the 17151.2 kHz signal decodes best when I tune it in at 17150.0 upper
> sideband. This offset and mode works better for RTTY signals, too, so I
> have stopped using the R75's RTTY mode altogether.
>
> A couple of references I have (one of them from NOAA itself) indicate that I
> should actually be using a frequency offset of -1.9 kHz, but the pitch seems
> much too high when I try that, and the fax program loses sync.
>
> Input, anyone?
>
> Gerry
>
> _____
> Do You Yahoo!?
> Get your free @... address at http://mail.yahoo.com

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> To unsubscribe from this group, send an email to:
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> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

1122. re antenna poll

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-15 22:20:21 UTC
From: gricer37
Topic: 1122 Message: 1122

At the moment i am using a wellbrook ala 1530 active loop connected to a icom ic-r75.Used to use a wire in the shack about 50ft long,it went around the celing.Scince getting the loop reception has greatly improved.

1123. Re: [icomr75] Antenna poll...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-15 22:58:53 UTC
From: Ian Johnson
Topic: 1115 Message: 1123

I use a T2FD (Terminated Tilted Folded Dipole) from RS Systems in the Netherlands. It is also available from Universal Radio for about US$250. It is a low noise (provided good earth) wideband antenna - the commercial article has virtually flat response from 3 to about 25MHz. Also it is quite short - 15 metres hung at an angle. If the commercial article seems a bit expensive then you can make one yourself; there are numerous articles on construction but perhaps the best is using the centre balun available from Wellbrook in the UK. With it you can have the most compact antenna possible. The balun costs about 25 UK Pounds. For more info see www.wellbrook.com/UMBT2FD. I find the antenna excellent in an urban situation with limited room and urban noise. It is not a particularly sensitive antenna but reveiver gain usually compensates even though I occasionally employ a low noise tuned preamp. Noise is the main enemy of urban & suburban DXers which is how the T2FD shines. Hope this has been of help. 73s Ian Johnson Brisbane, Australia Visit the Australian Radio DX Club site at www.ardxc.fl.net.au ----- Original Message ----- From: "handheld45" Date: Saturday, February 16, 2002 1:37 am Subject: [icomr75] Antenna poll... > > > > > I know people have posted about antennas before, but I would still > > like to see what type yall are using. I am starting with a home > made > > center fed dipole on my roof, each leg being approx. 33 feet long. > > > No balun. Coax from antenna to radio. So far it seems to do > well, > > although I am far from being an expert. > > > > Sean KG6GIY
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M=217097.1884387.3381019.1261774/D=egroupmail/S=1705063108:H
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1124. Re: [icomr75] Antenna poll...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-15 23:36:35 UTC
From: Ian Johnson
Topic: 1115 Message: 1124

Whoops! Forgot to mention that T2FD is virtually omnidirectional... IJ ----- Original Message ----- From: Ian Johnson Date: Saturday, February 16, 2002 8:58 am Subject: Re: [icomr75] Antenna poll... > > > > > I use a T2FD (Terminated Tilted Folded Dipole) from RS Systems in > the > > Netherlands. It is also available from Universal Radio for about > US$250. > > > It is a low noise (provided good earth) wideband antenna - the > > commercial article has virtually flat response from 3 to about 25MHz. > > Also it is quite short - 15 metres hung at an angle. > > > > If the commercial article seems a bit expensive then you can make > one > > yourself; there are numerous articles on construction but perhaps > the > > best is using the centre balun available from Wellbrook in the UK. > With > > it you can have the most compact antenna possible. The balun costs > > about 25 UK Pounds. For more info see www.wellbrook.com/UMBT2FD. > > > > I find the antenna excellent in an urban situation with limited > room > > and urban noise. It is not a particularly sensitive antenna but > > reveiver gain usually compensates even though I occasionally > employ a > > low noise tuned preamp. Noise is the main enemy of urban & > suburban > > DXers which is how the T2FD shines. > > > > Hope this has been of help. > > > > 73s > > > > Ian Johnson > > Brisbane, Australia > > > > Visit the Australian Radio DX Club site at www.ardxc.fl.net.au > > > > ----- Original Message ----- > > From: "handheld45" > > Date: Saturday, February 16, 2002 1:37 am > > Subject: [icomr75] Antenna poll... > > > > > > > > > > > > > > > > > I know people have posted about antennas before, but I would > still > > > > > > like to see what type yall are using. I am starting with a > home > > > made > > > > > > center fed dipole on my roof, each leg being approx. 33 feet > long. > > > > > > > > > No balun. Coax from antenna to radio. So far it seems to do > > > well, > > > > > > although I am far from being an expert. > > > > > > > > > > > > Sean KG6GIY >
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M=217097.1884387.3381019.1261774/D=egroupmail/S=1705063108:H
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1125. Re: [icomr75] Antenna poll...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-16 01:02:43 UTC
From: Dave
Topic: 1115   Message: 1125

Here's a T2FD for $219. http://www.bwantennas.com/eng/fdipole.eng.htm ----- Original Message ----- From: Ian Johnson To: icomr75@yahoogroups.com Sent: Friday, February 15, 2002 23:36 Subject: Re: [icomr75] Antenna poll... Whoops! Forgot to mention that T2FD is virtually omnidirectional... IJ ----- Original Message ----- From: Ian Johnson Date: Saturday, February 16, 2002 8:58 am Subject: Re: [icomr75] Antenna poll... > > > > > I use a T2FD (Terminated Tilted Folded Dipole) from RS Systems in > the > > Netherlands. It is also available from Universal Radio for about > US$250. > > > It is a low noise (provided good earth) wideband antenna - the > > commercial article has virtually flat response from 3 to about 25MHz. > > Also it is quite short - 15 metres hung at an angle. > > > > If the commercial article seems a bit expensive then you can make > one > > yourself; there are numerous articles on construction but perhaps > the > > best is using the centre balun available from Wellbrook in the UK. > With > > it you can have the most compact antenna possible. The balun costs > > about 25 UK Pounds. For more info see
www.wellbrook.com/UMBT2FD. > > > > I find the antenna excellent in an urban situation with limited > room > > and urban noise. It is not a particularly sensitive antenna but > > reveiver gain usually compensates even though I occasionally > employ a > > low noise tuned preamp. Noise is the main enemy of urban & > suburban > > DXers which is how the T2FD shines. > > > > Hope this has been of help. > > > > 73s > > > > Ian Johnson > > Brisbane, Australia > > > > Visit the Australian Radio DX Club site at www.ardxc.fl.net.au > > > > ----- Original Message ----- > > From: "handheld45" > > Date: Saturday, February 16, 2002 1:37 am > > Subject: [icomr75] Antenna poll... > > > > > > > > > > > > > > > > > I know people have posted about antennas before, but I would > still > > > > > > like to see what type yall are using. I am starting with a > home > > > made > > > > > > center fed dipole on my roof, each leg being approx. 33 feet > long. > > > > > > > > > No balun. Coax from antenna to radio. So far it seems to do > > > well, > > > > > > although I am far from being an expert. > > > > > > > > > > > > Sean KG6GIY >
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Terms of Service. [Non-text portions of this message have been removed]

1126. Re: [icomr75] Antenna poll...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-16 04:52:36 UTC
From: Ian Johnson
Topic: 1115   Message: 1126

Yes, beatiful antenna. Only advantage of the receive-only T2FD that I described is that it can be made quite a bit shorter - 17m (51.5') for an antenna which will work down to 3MHz. (25m [76'] for 2MHz). For those not interested in the tropical bands (below 6MHz) it can be shorter still. Also, the Wellbrook URL should have been www.wellbrook.uk.com/UMBT2FD.html Plenty of choices. IJ ----- Original Message ----- From: "Dave" Date: Saturday, February 16, 2002 11:02 am Subject: Re: [icomr75] Antenna poll... > > > > > Here's a T2FD for $219. > > > > http://www.bwantennas.com/eng/fdipole.eng.htm > > > > > > ----- Original Message ----- > > From: Ian Johnson > > To: icomr75@yahoogroups.com > > Sent: Friday, February 15, 2002 23:36 > > Subject: Re: [icomr75] Antenna poll... > > > > > > Whoops! Forgot to mention that T2FD is virtually omnidirectional... > > > > IJ > > > > ----- Original Message ----- > > From: Ian Johnson > > Date: Saturday, February 16, 2002 8:58 am > > Subject: Re: [icomr75] Antenna poll... > > > > > > > > > > > > > > > > I use a T2FD (Terminated Tilted Folded Dipole) from RS > Systems in > > > the > > > > > > Netherlands. It is also available from Universal Radio for > about > > > US$250. > > > > > > > > > It is a low noise (provided good earth) wideband antenna - > the > > > > > > commercial article has virtually flat response from 3 to > about 25MHz. > > > > > > Also it is quite short - 15 metres hung at an angle. > > > > > > > > > > > > If the commercial article seems a bit expensive then you > can make > > > one > > > > > > yourself; there are numerous articles on construction but > perhaps > > > the > > > > > > best is using the centre balun available from Wellbrook in > the UK. > > > With > > > > > > it you can have the most compact antenna possible. The > balun costs > > > > > > about 25 UK Pounds. For more info see > www.wellbrook.com/UMBT2FD. > > > > > > > > > > > I find the antenna excellent in an urban situation with > limited > > > room > > > > > > and urban noise. It is not a particularly sensitive antenna > but > > > > > > reveiver gain usually compensates even though I > occasionally > > > employ a > > > > > > low noise tuned preamp. Noise is the main enemy of urban > & > > > suburban > > > > > > DXers which is how the T2FD shines. > > > > > > > > > > > > Hope this has been of help. > > > > > > > > > > > > > 73s > > > > > > > > > > > > > > Ian Johnson > > > > > > Brisbane, Australia > > > > > > > > > > > > Visit the Australian Radio DX Club site at www.ardxc.fl.net.au > > > > > > > > > > > > > ----- Original Message ----- > > > > > > From: "handheld45" > > > > > Date: Saturday, February 16, 2002 1:37 am > > > > > > Subject: [icomr75] Antenna poll... > I know people have posted about antennas before, > but I would > > > still > > > > > > > > > > > > > > > like to see what type yall are using. I am > starting with a > > > home > > > > > > > > made > > > > > > > > > > > > > > > center fed dipole on my roof, each leg being > approx. 33 feet > > > long. > No balun. Coax from antenna to radio. So far it > seems to do > > > > > > > > well, > > > > > > > > > > > > > > > although I am far from being an expert. > Sean KG6GIY >
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1127. Antenna Poll/T2FD/KAZ etc - ref: Lew Chapman

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-16 05:58:53 UTC
From: Ian Johnson
Topic: 1127 Message: 1127

Lew,

Your address bounces so here is your message and my reply via icomr75...

G'day Lew,

I think we would all be grateful for any antenna info'. No use having a good receiver with an ordinary antenna. Is your "end-fed inverted V" a KAZ?

Your KAZ sounds interesting. I have been following KAZ and Pennant antenna developments on the FlagAndPennant mail group for low frequency work. The whole subject of non-resonant directional loops has re-invigorated antenna design.

My problem is that I'm a bit of a vascillating gunna - I'm gunna put up one of these antennas one day if I can decide between KAZ, Pennant and EWE. That's three antenna types that readers may want to search the internet for.

73s
IanJ

----- Original Message -----
From: "lew47oz" <lew47oz@...>
Date: Saturday, February 16, 2002 3:12 pm
Subject: Re: Antenna poll...

> --Greetings Ian from Lew Chapman in Adelaide, I have constructed a
> number of the T2FD's over the years, but now use the end fed
> inverted
> V. it is 30 metres in length, mainly due to space constraints. The
> antenna is fed through a home brew 9-1 transformer, coax fed and
> performs very quietly. I have success with MW and use extensively
> for
> Slow Scan TV. I have a pic of the KAZ antenna we are experimenting
> with at our Coorong site in the Photo section. I can give details
> on
> the KAZ antenna & transformer if anyone is interested.
> Cheers Lew Chapman. Moana Beach South Australia.

1128. Scanning Utes

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-16 13:24:30 UTC
From: forbes1136
Topic: 1128 Message: 1128

Hi all. I'm contemplating a purcahse of this receiver. Can anyone tell me how the scan performs in the HF mode? In other words, can I successfully scan and have the receiver stop when it hears a transmission on say, 11175?

I'm trying to find the most effevtive way to listen to these stations without having to sit in front of the reciever all evening or to have to "park" it on one station.

Can some folks give me feedback on whether this is possible? Or how do you use the receiver for the utility bands.

Thanks in advance.

Ed

1129. Re: [icomr75] Scanning Utes

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-16 13:57:21 UTC
From: Joe Jackson
Topic: 1128 Message: 1129

it's a very good receiver for utilities-no doubt. but uf you want freedom
from sitting in front of your radio,
then by all means get a ten tec rx350. i am serious about this-check out
there sight and the rx 350. it's a better radio
than the r75 and works from the hand held remote control. so you don't have
to sit in front of radio while getting
listener's fatigue. the 350 also has 34 different filter choices and very
good 16-24 bit dsp technology.....QUIET.
i have a friend who owns both radio's and has them running off the same
coupler and the 350 wins everytime.
i am into utilities too. joe jackson my friends email:
rmonfeli@.... he has both radio's and has owned a ton of
radio's.
----- Original Message -----
From: "forbes1136" <biged1136@...>
To: <icomr75@yahoogroups.com>
Sent: Saturday, February 16, 2002 5:24 AM
Subject: [icomr75] Scanning Utes

> Hi all. I'm contemplating a purcahse of this receiver. Can anyone
> tell me how the scan performs in the HF mode? In other words, can I
> successfully scan and have the receiver stop when it hears a
> transmission on say, 11175?
>
> I'm trying to find the most effevtive way to listen to these stations
> without having to sit in front of the reciever all evening or to have
> to "park" it on one station.
>
> Can some folks give me feedback on whether this is possible? Or how
> do you use the receiver for the utility bands.
>
> Thanks in advance.
>
> Ed
>
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1130. Re: Scanning Utes

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-16 14:08:35 UTC
From: forbes1136
Topic: 1128 Message: 1130

Joe - thanks - actually, I have an RX320, and the decision for another receiver is between the RX-350 and the R75! I was already leaning towards the 350, but of course the price of the R75 makes me want to be sure of the premium involved for the 350. Thanks for the input.

Ed

--- In icomr75@y..., "Joe Jackson" <lorijs@f...> wrote:
> it's a very good receiver for utilities-no doubt. but uf you want freedom
> from sitting in front of your radio,
> then by all means get a ten tec rx350. i am serious about this- check out
> there sight and the rx 350. it's a better radio
> than the r75 and works from the hand held remote control. so you don't have
> to sit in front of radio while getting
> listener's fatigue. the 350 also has 34 different filter choices and very
> good 16-24 bit dsp technology.....QUIET.
> i have a friend who owns both radio's and has them running off the same
> coupler and the 350 wins everytime.
> i am into utilities too. joe jackson my friends email:
> rmonfeli@f... he has both radio's and has owned a ton of
> radio's.
> ----- Original Message -----
> From: "forbes1136" <biged1136@y...>
> To: <icomr75@y...>
> Sent: Saturday, February 16, 2002 5:24 AM
> Subject: [icomr75] Scanning Utes
>
>
> > Hi all. I'm contemplating a purcahse of this receiver. Can anyone
> > tell me how the scan performs in the HF mode? In other words, can I
> > successfully scan and have the receiver stop when it hears a
> > transmission on say, 11175?
> >
> > I'm trying to find the most effevtive way to listen to these stations
> > without having to sit in front of the reciever all evening or to have

> > to "park" it on one station.
> >
> > Can some folks give me feedback on whether this is possible? Or
how
> > do you use the receiver for the utility bands.
> >
> > Thanks in advance.
> >
> > Ed
> >
> >
> >
> > To unsubscribe from this group, send an email to:
> > icomr75-unsubscribe@e...
> >
> >
> >
> > Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/
> >
> >
> >

1131. Re: [icomr75] Scanning Utes

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-16 15:12:59 UTC
From: Dave
Topic: 1128 Message: 1131

Get more than 1 radio. I listen to 11175 (GHFS) on my Icom; 11282 (ARINC) on my Drake and LA Center (ATC) on a scanner. Sometimes I'll hear the same "Reach" mission on all 3. The "scan" mode might work OK with a low noise antenna. I'll have to try some time.
----- Original Message -----
From: forbes1136
To: icomr75@yahoogroups.com
Sent: Saturday, February 16, 2002 13:24
Subject: [icomr75] Scanning Utes

Hi all. I'm contemplating a purcahse of this receiver. Can anyone tell me how the scan performs in the HF mode? In other words, can I successfully scan and have the receiver stop when it hears a transmission on say, 11175?

I'm trying to find the most effevtive way to listen to these stations without having to sit in front of the reciever all evening or to have to "park" it on one station.

Can some folks give me feedback on whether this is possible? Or how do you use the receiver for the utility bands.

Thanks in advance.

Ed

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To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

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[Non-text portions of this message have been removed]

1132. Re: Scanning Utes

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-16 15:25:51 UTC
From: forbes1136
Topic: 1128 Message: 1132

Thanks for the input Dave. Yes, it looks like more than one radio is necessary for UTE or HF listening. Let me know how the scan works on HF if you try it.

Ed

--- In icomr75@y..., "Dave" <rickets@s...> wrote:
> Get more than 1 radio. I listen to 11175 (GHFS) on my Icom; 11282 (ARINC) on my Drake and LA Center (ATC) on a scanner. Sometimes I'll hear the same "Reach" mission on all 3. The "scan" mode might work OK with a low noise antenna. I'll have to try some time.
> ----- Original Message -----
> From: forbes1136
> To: icomr75@y...
> Sent: Saturday, February 16, 2002 13:24
> Subject: [icomr75] Scanning Utes
>
>
> Hi all. I'm contemplating a purcahse of this receiver. Can anyone
> tell me how the scan performs in the HF mode? In other words, can I
> successfully scan and have the receiver stop when it hears a
> transmission on say, 11175?
>
> I'm trying to find the most effevtive way to listen to these stations
> without having to sit in front of the reciever all evening or to have
> to "park" it on one station.
>
> Can some folks give me feedback on whether this is possible? Or how
> do you use the receiver for the utility bands.
>
> Thanks in advance.
>
> Ed
>
>
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>
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Service.
>
>
>
> [Non-text portions of this message have been removed]

1133. Theme: Radio raft and Interface

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-16 16:14:33 UTC
From: Zacharias Liangas
Topic: 1133 Message: 1133

Previous saturday i have received the full version of radio raft 3.21and the simple computer interface from Pervisell for this program.

It is my 3rd time systematic work on digital signals over HF as my first time was back to 1990-1 when i used the Philips S2935 and a Spectrum interface TIA for tuning to press agencies and more particularly the TANYUG which had very interesting international news.
And my second time was on 94 when i have bought the 462 directly from MFJ and used cnnected with the LC100 printer. Many logs have been made with it as well as letters sent to some stations mainly for CW and RTTY

MY third time was two years ago when i downloaded some amateur radio progreams such as Hamscope , MMTTY WXSAT and others.
I also tried to use RRaft. Together with a friend , an electonic techniciamn, we made the cicruit shown inth e page of RAft ,but afterwards it has been abandoned for much time .
two months ago i finished it but the circuit for unknown reasons did not wirked . For this reason i prefered to buy a news one from Pervisell.

Here is a little from what i found (such as preliminary)
The program seems to work very good under DOS and still under Windows in my pentium III on 800 MHz. However under Windows RAFT can be used ONLY foreground otherwise all system sources are occupied . Usage of interface inhibits any noise to go to receiver, as it would be done otherewise with audiocard (about 10 db)

INstead of making a overview i will only epxlain my prso and cons:

Points I liked:
-The big number of modulations it can decode and the realatively fast aboility to identify the modes inless than 10 seconds
-The ability to view status informatiom (idling , repetition) and corecting text if a backspace s transmitted
-The similarity of using the keyboard as happened with the SPECTRUM program / interface
-The time rows and the ability to save also the times
-The baudmeter and the digit modes (and save the 'raw data')
-The automatic bit inversion (works also when you change the sideband from upper to lower!)

Points i did not like
- The high sourced the program requires under Windows
- The difficulty to decode signals close to threshold. True TTY under Win can decode them better
- The relative difficulty to decode CW signals
- Did not found so far a ny manual UOS operation

- the inability to decode CIS peudo-baudot signals There are too many signals in muy area
- The low size of buffer (only 64 kb??)

Programs i used so far under windows are: MMTTY , HAMSCOPE , True TTY , Sea TTY The last two programs are best for TTY as they can decode signals that are a just above the threshold.(noise level)

I could prefer a program that could use the interface , be under, say WIndows , have the ability of HAmscope to show audio above noise, have all the automoatic operations of Raft including the time in saving higher buffer and decode so perfect as the True TTY does.
This does ot mean that io do not like the Raft!When my computer is OFF i can switch at half time to use RAft than any other program under WIN.

Here is a list logs i decoeded the previous 2 days . Tewxt as logged in notices paper no corections

11.2
KCNA Pyongyang 8020 1840 , 250 Hz , S8-9 sporadic (not everryday)
unIDed 8094 1810/400 with ARQ E 200 bd , S6 , idling 1840
8102 4XZ CW 1711 with 5fgs S9
8422 PO , CW + SITOR B with traffic list
8452 FUG testing and couts 1720
8680 ??? SWED ARQ , on error , 1725
8698 7TF Boufaric R , CQ 13 bd , S9
7671 FDI 22 with foxes , FF 1753 S7
8030 RFFX in ARQ E 1757 , S5 , many errors
8105 RFFX , ARQ E 184 , 1800 with idlies S9
8424 SVO , only CW ,mode 1820 abt 11 bd S9
8450 5AB buyzzying tome on CW 1824
8465 un ID 100 bd with encrypted msgs 1836
8500 RBSL IN mumbai RYs SGs and 5lg encoded msgs S2
8556 Szcin R - SITOR B with news at 1900 S5@+10 db
8568 RFQPME ZUI ZNR testing 75 bd 1917 off
8600 XSV Tianjin 1928 with buzzying tome morse 18.7 bd

12.12
14681 MFA BUdapest RUU FEC with enc text 1300 S9+10
14701 Pactor
15750 .... encrypted msgs in Baudot 1115, 75 bd , S9
16020 SITOR A with 5 lgs

13.12
8020 the KCNA diod not work ....
8080 1847 6lgs on 75 bd S3-6

---
pen-DX sejak 72 - anggota World-DX-Club 2104,Play DX, dll
PP: R75/HF150/MVT7100/D2935 + 16m/1x1 +
MFJ16010/1040/1025/752c/462
http://www.geocities.com/zliangas/
/trip2k.htm (dlm Bkk,SNG,BAli) /MP3_comp.htm comparison Xing/Fastenc

/napa.htm crash test Napa DAV315 MP3 player

1134. Scanning Utes

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-16 22:11:15 UTC
From: Urban Larsson
Topic: 1128 Message: 1134

> Can anyone tell me how the scan performs in the HF mode?

It can do the scan in several ways. I use squelch controlled scan.
It works excellent! I didn't know that scan could work that good in HF.

The R75 stops on the frequency (in search mode) or channel
(in scan mode) for 10 sec when the squelch breaks, so you'll have
to stop the scan action manually to be able to listen to the action
more than 10 sec. Otherwise the R75 will continue to scan. The scan
speed is quite high and you can easily scan 50 ch without missing
to much of the beginning of the transmissions.

The only flaw with the R75 I suppose must be the AM sync. But that's
only for broadcast reception and you're probably more like me and
mostly monitor the interesting military and rescue frequencies where
all the action is?

Ubbe
Stockholm Sweden

1135. Re: [icomr75] My Stock Filter & Option Settings For AM Broadcast Listening Using ECSS (USB / LSB / CW-REV / RTTY-REV)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-16 08:59:26 UTC
From: pjrohio@ntr.net
Topic: 1107 Message: 1135

Hi All,

Some updates on the CW, CW-REV, and RTTY-REV modes
for ECSS operation.

I changed the "CW Pitch" to '45' and the "TON" to '2125'
to reflect clarity of audio with PBT knobs at center,
for a starting point.

(Example: When in "CW" or "CW REV" [W]ide mode, the longer,
inner PBT knob can be turn either direction for a
'bass/treble' effect to your liking (similar operation in
USB/LSB mode).

If your R75 is setup like mine (as in my previous message
post, and the 'new' updated changes I mention here),
then try this:

[] Select an AM signal (local AM station or shortwave).
[] Go to "CW REV" mode.
[] Use [W]ide Filter mode.
[] Turn inner PBT knob fully clockwise.
(Audio should sound 'muddy', no high frequencies.)
[] Set 'Tuning Step' [TS] button to 1Hz mode
(See bottom of page 12 in manual if you need info).
[] Zero-beat signal. (You should end up almost, if not
exactly, at +450Hz.)
[] Return PBT control to center.

Example: WTAM 1100 AM Cleveland should end up
reading on the display as...

[W] [REV] CW
1.100.450

Now, turn the inner PBT counterclockwise, at about
one-and-a-half marks. This is my 'Megaphone' setting.

:)

For RTTY-Rev, the readout would be:

[W] [REV] RTTY
1.102.550

For CW (-450Hz), the readout would be:

[W] CW
1.199.550

Updated Info:

SAM SW = SA or En ("En" when surfing in S-AM mode.) [See "S-AM"
below.]
*b CW PITCh = 45 (450Hz)
*c TON = 2125 Hz (RTTY Mark Frequency - For RTTY-Reverse)
*c SFT = 425 Hz (RTTY Shift Width - For RTTY-Reverse)

*b *c ('Starting' values for PBT controls at center, unless "*c")

*c If need to shift further:

Select any of the 3 optional frequencies as needed to shift away
from interference when using RTTY-Rev (not RTTY) or
CW / CW-Rev ECSS listening.

- Patrick

.

1136. Re: [icomr75] My Stock Filter & Option Settings For AM Broadcast Listening Using ECSS (USB / LSB / CW-REV / RTTY-REV)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-16 19:55:17 UTC
From: pjrohio@ntr.net
Topic: 1107 Message: 1136

Thank you, Tony.

Please see my other post on a updated version
of the CW, CW-REV, and RTTY-REV ECSS method.

- Patrick

1137. Re: [icomr75] My Stock Filter & Option Settings For AM Broadcast Listening Using ECSS (USB / LSB / CW-REV / RTTY-REV)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-16 20:54:40 UTC
From: pjrohio@ntr.net
Topic: 1107 Message: 1137

Rado,

"...there is a simple workaround for the problem. Turn
off the AGC and adjust the RF gain manually."

Yes, that will work, provided I'm at the radio. But for 'hands-off'
monitoring and/or unattended recordings, Automatic Gain Control
is a must. (Unless the the signal would never vary. True most of
the time for local AM, and somewhat for daytime shortwave,
but at night?)

:D

" Http://Groups.Yahoo.Com/group/icomr75/message/712 "

"
Http://Groups.Yahoo.Com/group/icomr75/files/Information/AGC%20audio%20mixing%20examples.jpg
"

Thank you... I'll check the links.

- Patrick

.

1138. External Speaker / Zero-beat via HeadPhones

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-16 21:13:59 UTC
From: pjrohio@ntr.net
Topic: 1138 Message: 1138

"Hello Patrick,

"I certainly hope you are using an external speaker for SWL. It
really makes a difference and shows that the R-75 really can sound
good! The internal speaker seems to have been optimized for SSB
communications and really doesn't do the radio justice when
listening
to good fidelity broadcasts."

Roy,

Actually, I'm not using one. :-o

I plan on visiting the 'Shack' to check out either
the 45-5000 or the 40-5024 speaker.

At least I have my old Sennheiser HD-40 headphones.
No trouble zero-beating a signal.

- Patrick

1139. Re: [icomr75] Re: My Stock Filter & Option Settings For AM Broadcast Listening Using ECSS (USB / LSB / CW-REV / RTTY-REV)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-16 22:20:04 UTC
From: pjrohio@ntr.net
Topic: 1107 Message: 1139

" ...some people on here have praised the 3.3 kHz filter for ECSS: it
is however an expensive filter. "

phil,

I'm looking to perhaps get a filter. But if there is a mod
for the 'mixing problem' of the 15 and 6 filters with the EXPansion
turned on, then I may not need optional filter(s)?

" ...one trick i do is use AM mode narrow (with dual 2.4 kHz filters)
but decenter 1.2 kHz (either way) from the original frequency.
The result is louder than ECSS and the frequency response
appears different on a scope. "

Yes, I do that, also. See my other post on how I also do that via
CW, CW-REV, and RTTY-REV. It's my 'MegaPhone' setting. :D

On the AGC-off/RF combo:

Ah, but for me, AGC-on is a must for unattended, hands-off recordings or
just monitoring near but not at the radio. Especially for night
shortwave signals, and even some 'local' AM. There times when I
miss the slower time constant of the R71A. :((...sniffffffffle)

" ...the R-75 is very stable 'as is'... "

Not that stable with ECSS. The slightest drift from the initial
zero-beat, I can hear the audible difference. This is noticed
even as little as a 1-to-2 degree room temperature change.

This is also desired for unattended recordings.

So, I'm still open to get the... (insert big fanfare music here)

H i g h S t a b i l i t y C r y s t a l U n i t!

(Echo-echo-echo...)

(Sprinkles/Glitter/Flash/Boom-Bang!)

:D-&==;

The DSP Unit:

Yeah, maybe even that, too.

Thanx, phil.

:D-;==:

- Patrick

.

1140. ICOM R75/KIWA mod and filters

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-17 06:57:33 UTC
From: kb7oex
Topic: 1140 Message: 1140

Price lowered to sell: ICOM R-75/DSP receiver about two months old with KIWA mods; Icom 2.8 filter on the 9Mhz board and Inrad 1.8 on the 450 board. Have bought a new rig with general coverage and am not using R75 as much as I expected. I like the rig better than the Drake R8B tho - it's a GREAT rig with the mod!Most of you looking at this will know the cost of the Kiwa mods etc so...I'm asking $750 plus shipping. Thanks for reading.

1141. Re: Scanning Utes

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-17 11:34:56 UTC
From: just_rtfm
Topic: 1128 Message: 1141

hi Ed:

just passing on what i've read...

(+) the RX-350 has a better synch detector, more memories, 34 filter settings, and a bandscope.

(-) the buttons are small, the display is dotty and ghosts when tuning quickly, the unit has low ultimate selectivity, FM is distorted (due to max bandwidth), and longwave contains BCB images.

there are other problems relating to the synch losing lock as well as with the RF gain, noise reducer, blanker, autonotch; however, it is expected that software upgrades will evenually/has fix these.

the tentec RX-350 is over twice the cost of an R-75, with no keypad. i would ask someone who has an RX-320 and RX-350 if it was worth it. you may want to also look into a program called Smart ICOM Control. the R-75 is like the RX-350, very software controllable.

phil :)

1142. Re: My Stock Filter & Option Settings For AM Broadcast Listening Using ECSS (USB / LSB / CW-REV / RTTY-REV)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-17 11:44:46 UTC
From: just_rtfm
Topic: 1107 Message: 1142

hi Patrick!

sorry i did not see your post earlier...

> Yes, I do that, also. See my other post on how I also do that via
> CW, CW-REV, and RTTY-REV. It's my 'MegaPhone' setting. :D

i'm interested in this... i might put up on my 'future' site as your tip. my damn ISP is still fooling with their servers.

> Not that stable with ECSS. The slightest drift from the initial
> zero-beat, I can hear the audible difference.

your ears must work better than mine... i can start to tell something is amiss at about 20 Hz off. for you the high stability crystal might be a big help; then you won't have to worry as much about temp changes.

i am going to go check out your RTTY-REV tip... :D

phil :)

1143. re replier to you posters

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-17 18:33:58 UTC
From: gricer37
Topic: 1143 Message: 1143

Thanks for the info i live in the uk.when i got my r-75 i was using a wire i had put up for my nasa hf-4e. soon found that it was useless.I now use a wellbrook ala1530 loop vast improvement.will be upgrading the filters when i know which are best ones for the different modes,will also put in the dsp unit if it does improve things as much as people say.

1144. Re: Scanning Utes

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-17 21:54:30 UTC
From: forbes1136
Topic: 1128 Message: 1144

YEs, I have other SW gear for the BCBs - I want the "action" a you call it. The scan feature of whatever I end up buying is important to me - I have several "police" type scanners, and I want to fond a tabletop reveiver that can do the same for me on HF.

THanks, Ed

--- In icomr75@y..., Urban Larsson <urban@h...> wrote:
> > Can anyone tell me how the scan performs in the HF mode?
>
> It can do the scan in several ways. I use squelch controlled scan.
> It works excellent! I didn't know that scan could work that good in HF.
>
> The R75 stops on the frequency (in search mode) or channel
> (in scan mode) for 10 sec when the squelch breaks, so you'll have
> to stop the scan action manually to be able to listen to the action
> more than 10 sec. Otherwise the R75 will continue to scan. The scan
> speed is quite high and you can easily scan 50 ch without missing
> to much of the beginning of the transmissions.
>
> The only flaw with the R75 I suppose must be the AM sync. But that's
> only for broadcast reception and you're probably more like me and
> mostly monitor the interesting military and rescue frequencies where
> all the action is?
>
> Ubbe
> Stockholm Sweden

1145. RE:replier to you posters

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-17 22:25:50 UTC
From: Ubbe
Topic: 1145 Message: 1145

Just curious, why do you think that you'll need to upgrade the filters? Everyone seems to have their own personal favourites to put into the R75. Have Icom made a bad choice when it comes to filter selections?

The DSP isn't that wonderful. It makes a good job of notching out heterodyne tones but the noise filtering is terrible. It drops the audio level to about half and with noisy signals it garbles the voices to be more digital and makes it really hard to understand what is said. It works better with signals that are only slightly noisy, so the use of the DSP only works ok with strong BC stations when you want to filter out the last bit of any background noise.

Ubbe.

> From: "gricer37" <gricer37@...>
>
> Thanks for the info i live in the uk.when i got my r-75 i was
> using a wire i had put up for my nasa hf-4e. soon found that it
> was useless.I now use a wellbrook ala1530 loop vast improvement.
> will be upgrading the filters when i know which are best ones for
> the different modes,will also put in the dsp unit if it does
> improve things as much as people say.

1146. Re: replier to you posters

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-17 23:58:07 UTC
From: pjrohio@ntr.net
Topic: 1146 Message: 1146

.

> ...Have Icom made a bad choice
> when it comes to filter selections?

Ubbe,

Perhaps a marketing decision?

;)

- Patrick

.

1147. Re: RE:replier to you posters

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-18 00:38:41 UTC
From: just_rtfm
Topic: 1145 Message: 1147

Ubee:

> Have Icom made a bad choice when it comes
> to filter selections?

the stock filters were not a bad choice by ICOM. on AM you have a
nice wide 6.0 kHz... on SSB you can do from 1 to 2.4 kHz via the PBTs.

> It
> drops the audio level to about half and with noisy signals
> it garbles the voices to be more digital and makes it really
> hard to understand what is said.

the DSP NR works very well at my QTH, i have spectral plots showing
that the amount it drops the audio level is very low unless you're
turning it up too high. settings of 3-5 work best.

phil :)

1148. Re: [icomr75] Re: My Stock Filter & Option Settings For AM Broadcast Listening Using ECSS (USB / LSB / CW-REV / RTTY-REV)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-18 02:38:43 UTC
From: pjrohio@ntr.net
Topic: 1107 Message: 1148

> your ears must work better than mine... i can start to tell
something
> is amiss at about 20 Hz off. for you the high stability crystal
might
> be a big help; then you won't have to worry as much about temp
> changes.

phil :),

Well, within several or so Hz, depending mode/filter selection,
with headphones. :)

Without headphones, depending on mode/filter selection, around 10-15 Hz.

I also have the Sangean ATS-909. It has 40Hz tuning resolution in
Side Band. ECSS listening on this unit can make you ill.

;)

> i am going to go check out your RTTY-REV tip... :D

Ya know, the more I played around with the CW/CW-REV/RTTY-REV
modes for ECSS, tonight, the more I like it. Especially
since the recent tweak I made to it.

It adds a nice 'MegaPhone' punch to the to the 'talk' programs.

I have use this before, but somewhere along the way I just
ended up using mainly the USB/LSB modes.

I think the 'MegaPhone' method helps better on the weaker
and noisier signals, too.

- Patrick

.

1149. Re: [icomr75] Re: RE:replier to you posters

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-18 07:36:09 UTC
From: Urban Larsson
Topic: 1145 Message: 1149

We must have different DSP's then. Mine is the UT-106.

As soon as I enable NR the audiolevel drops to half
regardless if I have setting 1 or 7. The setting are only
affecting the amount of noise supression, and increased
distorsion to the audio quality, and not the actual
audiolevel, at least not with my DSP. The DSP module have
been poorly designed to fit the R75 needs for input/output
level at the DSP connector. Please tell me what DSP you use?

> Ubee:
>
> > It drops the audio level to about half and with noisy
> > signals it garbles the voices to be more digital and
> > makes it really hard to understand what is said.
>
> the DSP NR works very well at my QTH, i have spectral
> plots showing that the amount it drops the audio level
> is very low unless you're turning it up too high.
> settings of 3-5 work best.
>
> phil :)

1150. Re: [icomr75] Re: replier to you posters

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-18 07:38:39 UTC
From: Urban Larsson
Topic: 1145 Message: 1150

So there's no need to change anything yourself?
How can you tell if you will gain anything by
getting other filters? Trial & error? It will
soon add up to be a very expensive way to do it.

Ubbe.

> > ...Have Icom made a bad choice
> > when it comes to filter selections?
>
>
> Ubbe,
>
> Perhaps a marketing decision?
>
> ;)
>
>
> - Patrick

1151. Antenna discussion

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-18 12:26:05 UTC
From: Lew Chapman
Topic: 1151 Message: 1151

Greetings from Moana Beach South Australia. I would like to put in my 2 bobs worth. I feel that it's great to discuss all mods & additions available to the r75 as has been the case with many great sets over the years & ofcourse it is only human to tinker and try to improve. But if you only have a wet string attatched to the Antenna imput then no degree of fiddling will help the set.
In regard to interferance from computers, power sources etc can be at least greatly reduced by a coaxual feed line, rather than just antenna wire into the set. I do a fair ammount of SSTV work, and so the computer is along side R75, I suffer no noticable interference. This is probably largly due to a combination of a well shielded computer, and set as well ofcourse. You all may be interested in pics i have posted in the pictures section. I would like to discuss Beverages. loops, Squashed Deltas, Inverted V's etc if any one is interested.
Cheers Lew Chapman
Moana Beach South Australia.

1152. Re: Scanning Utes

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-18 15:00:20 UTC
From: rolloatwerk
Topic: 1128 Message: 1152

--- In icomr75@y..., "forbes1136" <biged1136@y...> wrote:
>
> Joe - thanks - actually, I have an RX320, and the decision for
> another receiver is between the RX-350 and the R75! I was already
> leaning towards the 350, but of course the price of the R75 makes me
> want to be sure of the premium involved for the 350. Thanks for the
> input.
>
> Ed

Well, regardless of Joe Jackson's post which might have been better directed to alt.advocacy.radio.tentec, let me answer the question you actually ASKED.

The R-75's scanner works very well. There are 3 basic scan modes plus a priority override. The basic scan modes can be made to behave differently depending on how you set the squelch and scan/resume mode. Scanning preprogrammed memory locations would probably be the most familiar to you if you have ever used a standard "police" scanner.

I'm sure the RX-350 is a wonderful radio. But I don't think this is the right group to be discussing it. I'd hate to see this group and the RX-350 group become less effective because advocates began posting "your radio sucks" back and forth.

1153. Cool uses for your R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-18 16:03:09 UTC
From: Dave Ulrick
Topic: 1153 Message: 1153

Greetings!

It's occurred to me that it might be interesting if we share a bit about cool things that we're doing with our R75s. Since I came up with the idea, I guess I'll start the ball rolling.

As I'm sure you all know, the R75 can be operated by a PC connected to the radio via a serial cable. I've gotten myself a cable (CompUSA labeled it as a "serial mouse extension cable") and installed Smart Icom Control 32 on my Windows 2000 PC. I've also run an audio cable from the R75's tape out jack to the sound card's aux input jack. Since my Windows PC is just a few feet away from my R75, the main thing that's useful about this setup is that if I fire up RTTY software such as MMTTY, I can tune the radio and watch the RTTY QSOs scroll by without leaving my seat. This is all moderately cool as far as it goes, but I've managed to make it even cooler.

In my house, the R75, the Windows 2000 PC, and my stereo system live downstairs, whereas my Linux PC lives upstairs (it's been banished to its own room because of its rather loud exhaust and intake fans). Recently, I had an network/audio/video connection run between upstairs and downstairs. This has allowed me to network my PCs and exchange audio between my stereo system and my upstairs PC. My most frequent use of this setup is to play MP3s on my Linux PC with the sound coming over my stereo system. However, now I've set up something just as cool: remote control _and_ remote listening with the R75. Thanks to free software named VNC, I can display an image of my Windows 2000 desktop on my Linux PC. If I fire up Smart Icom Control 32 on Windows 2000, I can control it from my Linux system. This allows me to control my R75 from upstairs and also hear its audio. Actually, I can hear the R75's audio (or my MP3s) throughout the house if I wish, thanks to a low-power FM transmitter I have connected to the Linux PC's sound card.

If you're interested in setting up something like this, here's a few more tidbits:

1. Whenever you feed audio from one room to another, beware of ground loops. They can be a prime source of humming noise in the background of the audio. The worst ground loop I had--audible at normal listening levels--was solved by installing an antenna isolation transformer on my cable TV feed. Even after much experimenting, I still have some hum that's audible on my stereo receiver, but I have to crank the volume up far higher than normal listening levels to hear it, so I can live with it.

2. The R75 sends the beep tones generated by button presses out via the tape out jack unless you use the SET menu to entirely turn off beeping. The beep level setting doesn't affect the tape out jack.

3. Smart Icom Control 32 lets you turn off AGC, but it provides no way to control the RF gain. I assume that this is because Icom provided no interface for remotely controlling RF gain. If so, bummer. :-(

4. I found that tuning with Smart Icom Control 32 is very slow if I configure it with the recommended command timeout of 60 seconds, but it's quite a bit more responsive if I set the timeout to, say, 20 seconds. A timeout that's too small may cause weird behavior such as the R75 being unexpectedly turned off.

5. Thankfully, the R75 seems to be relatively immune to computer-generated EMI/RFI, at least below 30 mHz. My recent problem with a computer speaker transformer generating audible hum in the 31 meter band was solved by wrapping the speaker end of the transformer's DC power cord around a ferrite core.

6. The output of the sound card in my Windows 2000 PC is rather noisy, featuring not only hum but also a persistent high-frequency tone, so I decided to connect the R75's audio directly to my upstairs/downstairs link. A Y adapter from Radio Shack allows me to connect the R75 to both this link and the Windows 2000 PC's sound card.

OK, there's my contribution. What cool things are you doing with _your_ R75?

Dave
--
==========
Dave Ulrick, Systems Programmer E-mail: d-ulrick@...
Northern Illinois University Web: http://www.niu.edu/~ulrick/
DeKalb, IL, USA

1154. re replier to you posters

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-18 16:21:00 UTC
From: gricer37
Topic: 1143 Message: 1154

thanks for the comments.the only filter that i would be putting in would be for cw/rtty as i do alot of ndb dxing.any help on filter selections would be helpfull.

1155. Re: RE:replier to you posters

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-19 04:38:10 UTC
From: just_rtfm
Topic: 1145 Message: 1155

> We must have different DSP's then. Mine is the UT-106.

we have the same DSP, when did you purchase yours? i got mine about 3 months ago.

> As soon as I enable NR the audiolevel drops to half
> regardless if I have setting 1 or 7.

there is a drop in audio but it is very minimal. i have confirmed this with spectral plots that will eventually be up on my site. i tested at OFF, ON, +5, +10, +15... the plots were then superimposed; the result: OFF, ON, +5 sit on top of one another. somewhere between +5 and +10 there is a drop in audio and +15 sits very close to the +10 line. if yours is not working the same that stinks... i use the NR all the time, it's excellent.

> The DSP module have
> been poorly designed to fit the R75 needs for input/output
> level at the DSP connector.

according to who? maybe they can fix their own unit... get that soldering iron going :p

> Please tell me what DSP you use?

apparently a UT-106 that works :p

phil :)

1156. Re: Scanning Utes

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-19 04:55:17 UTC
From: just_rtfm
Topic: 1128 Message: 1156

> I'm sure the RX-350 is a wonderful radio.

it's especially wonderful for tentec... they get to sell their fine
RX-320 and tack on $900 for some knobs.

phil :p

1157. Re: Cool uses for your R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-19 05:16:22 UTC
From: just_rtfm
Topic: 1153 Message: 1157

Greetings Dave!

i downloaded Smart ICOM Control but have not used it yet. i use my laptop PC to decode SSTV, RTTY, BPSK31, and CW. i may write some control programs eventually but am not interested in re-inventing the wheel. i made a simple GUI program to turn the unit ON/OFF and change the frequency just to see what is involved. i like to program using VC++, BCB, and MASM.

> I assume that this is because Icom
> provided no interface for remotely controlling RF gain.

command 14, subcommand 2 is the RF level setting :) three cheers for ICOM! they made the unit so CPU controllable: i have tested both this and the AF control.

phil :)

1158. Re: [icomr75] Re: RE:replier to you posters

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-19 06:49:10 UTC
From: Gert Nilsson
Topic: 1145 Message: 1158

The gain reduction of my DSP is something like 5 dB with a setting of 2 and around 10 dB with a setting of 5!
----- Original Message -----
From: just_rtfm
To: icomr75@yahoogroups.com
Sent: Tuesday, February 19, 2002 4:38 AM
Subject: [icomr75] Re: RE:replier to you posters

> We must have different DSP's then. Mine is the UT-106.

we have the same DSP, when did you purchase yours? i got mine about 3 months ago.

> As soon as I enable NR the audiolevel drops to half
> regardless if I have setting 1 or 7.

there is a drop in audio but it is very minimal. i have confirmed this with spectral plots that will eventually be up on my site. i tested at OFF, ON, +5, +10, +15... the plots were then superimposed; the result: OFF, ON, +5 sit on top of one another. somewhere between +5 and +10 there is a drop in audio and +15 sits very close to the +10 line. if yours is not working the same that stinks... i use the NR all the time, it's excellent.

> The DSP module have
> been poorly designed to fit the R75 needs for input/output
> level at the DSP connector.

according to who? maybe they can fix their own unit... get that soldering iron going :p

> Please tell me what DSP you use?

apparently a UT-106 that works :p

phil :)

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[Non-text portions of this message have been removed]

1159. Re: Re: [icomr75] Re: RE:replier to you posters

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-19 08:52:33 UTC
From: Urban Larsson
Topic: 1145 Message: 1159

Then it's even worse than I expected! 5dB is close to 6dB
that is half the volume measured in voltage, but 10dB is
really bad! Thanks for the info Gert.

Ubbe.

> The gain reduction of my DSP is something like 5 dB with
a setting of 2 and around 10 dB with a setting of 5!
>
> ----- Original Message -----
> From: just_rtfm
> To: icomr75@yahoogroups.com
> Sent: Tuesday, February 19, 2002 4:38 AM
> Subject: [icomr75] Re: RE:replier to you posters
>
>
> > We must have different DSP's then. Mine is the UT-106.
>
> we have the same DSP
>
> > As soon as I enable NR the audiolevel drops to half
> > regardless if I have setting 1 or 7.
>
> there is a drop in audio but it is very minimal.

1160. Re: [icomr75] Re: RE:replier to you posters

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-19 08:59:13 UTC
From: Urban Larsson
Topic: 1145 Message: 1160

>
> > The DSP module have been poorly designed to fit the R75 needs for input/output level at the DSP connector.
>
> according to who? maybe they can fix their own unit... get that soldering iron going :p

According to me. The R75 cannot be fixed, I've checked the schematics. It's the DSP level out that needs a fix, and I have been unable to find any schematic for the UT-106 and it looks to be too much work trying to reverse engineer the DSP. Poorly designed by Icom when they don't interface it properly into the R75. And there could only be a UT-106 fitted to that particular module connectors? Shame on you Icom!

Ubbe.

Ubbe.

1161. Re: [icomr75] Re: Scanning Utes

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-19 13:50:29 UTC
From: Joe Jackson
Topic: 1128 Message: 1161

i am not advocating any radio-no one radio is perfect. i had an r75-didn't install the dsp nor any fancy filters.
the r75 did a good job. it is priced right without the add on's. as far as ten tec goes maybe they did throw some knobs
on the 320 and call it a 350. i guess they do that with the 340 too. all i was saying is on 140ft long wire with a stridsdberg coupler'
the 350 picks up the frequency clearly and quiet compared to a fully equipped r75. the 350 drags signals out of the mud much better.
you can hear what is being transmitted better with the tougher signals.
nothing against the r75....it's a nice radio.
----- Original Message -----
From: "rolloatwerk" <webmechanic@...>
To: <icomr75@yahoogroups.com>
Sent: Monday, February 18, 2002 7:00 AM
Subject: [icomr75] Re: Scanning Utes

> --- In icomr75@y..., "forbes1136" <biged1136@y...> wrote:
> >
> > Joe - thanks - actually, I have an RX320, and the decision for
> > another receiver is between the RX-350 and the R75! I was already
> > leaning towards the 350, but of course the price of the R75 makes me
> > want to be sure of the premium involved for the 350. Thanks for the
> > input.
> >
> > Ed
> Well, regardless of Joe Jackson's post which might have been better directed to alt.advocacy.radio.tentec, let me answer the question you actually ASKED.
>
> The R-75's scanner works very well. There are 3 basic scan modes plus a priority override. The basic scan modes can be made to behave differently depending on how you set the squelch and scan/resume mode. Scanning preprogrammed memory locations would probably be the most familiar to you if you have ever used a standard "police" scanner.
>
> I'm sure the RX-350 is a wonderful radio. But I don't think this is the right group to be discussing it. I'd hate to see this group and the RX-350 group become less effective because advocates began posting "your radio sucks" back and forth.
>
>
>
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>

>
>
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>
>
>

1162. Re: Scanning Utes

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-19 15:17:50 UTC
From: forbes1136
Topic: 1128 Message: 1162

Thanks to all for their feedback. And I agree - I did not want to take away from the focus of the group. My concern is that with all of the background "noise" associated with some HF utes (e.g. 11175, etc.) is t hat the scanning function will not work properly. And that's important to me in the consideration of a new purchase.

The R75 has such great reviews from everyone, but few people seem to use the scanning feature for Utes. To me, this should be one of the most-used features - and this is an indication to me that using the scan feature for utes is problematic. I am puzzled by this.

Any comments are appreciated.

Ed

--- In icomr75@y..., "rolloatwerk" <webmechanic@h...> wrote:
> --- In icomr75@y..., "forbes1136" <biged1136@y...> wrote:
> >
> > Joe - thanks - actually, I have an RX320, and the decision for
> > another receiver is between the RX-350 and the R75! I was
already
> > leaning towards the 350, but of course the price of the R75 makes
me
> > want to be sure of the premium involved for the 350. Thanks for
the
> > input.
> >
> > Ed
> Well, regardless of Joe Jackson's post which might have been better directed to alt.advocacy.radio.tentec, let me answer the question you actually ASKED.
>
> The R-75's scanner works very well. There are 3 basic scan modes plus a priority override. The basic scan modes can be made to behave differently depending on how you set the squelch and scan/resume mode. Scanning preprogrammed memory locations would probably be the most familiar to you if you have ever used a standard "police" scanner.
>
> I'm sure the RX-350 is a wonderful radio. But I don't think this is the right group to be discussing it. I'd hate to see this group and the RX-350 group become less effective because advocates began posting "your radio sucks" back and forth.

1163. Re: [icomr75] Re: Scanning Utes

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-19 15:38:44 UTC
From: Mark Turner
Topic: 1128 Message: 1163

On Tue, 19 Feb 2002, forbes1136 wrote:
>
> The R75 has such great reviews from everyone, but few people seem to
> use the scanning feature for Utes. To me, this should be one of the
> most-used features - and this is an indication to me that using the
> scan feature for utes is problematic. I am puzzled by this.

I sometimes scan with my R75, usually 5.68MHz and 11.175MHz both USB.

I find that there is a difference between the squelch level at which
audio gets through and the level at which the scan stops.

In other words, if I have the squelch set too low then I get a "ticking"
noise each time around the (not stopped yet) scan as a little background
noise gets through. If I turn the squelch up a little then the ticking
goes away but then I miss some of the weaker signals that I would have
caught if I'd been sitting on that channel (not scanning) with the
squelch at the slightly lower level.

So, I think there is an issue with the R75's scanning at least on my
unit, but a very small one as there is a workaround if you don't mind
setting the squelch a little higher.

Having said all that, scanning on the R75 is *much* easier than on my
AR7030+ as the front panel squelch control is always there compared
with the one on the AR7030+ being umpteen button presses away and then
it forgets that it is enabled every time I switch off (or standby).

Cheers,

Mark.

1164. Re: [icomr75] Re: Cool uses for your R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-19 16:13:39 UTC
From: Dave Ulrick
Topic: 1153 Message: 1164

On Tue, 19 Feb 2002, just_rtfm wrote:

> Greetings Dave!
>
> i downloaded Smart ICOM Control but have not used it yet. i use my
> laptop PC to decode SSTV, RTTY, BPSK31, and CW. i may write some
> control programs eventually but am not interested in re-inventing the
> wheel. i made a simple GUI program to turn the unit ON/OFF and change
> the frequency just to see what is involved. i like to program using
> VC++, BCB, and MASM.
>
> > I assume that this is because Icom
> > provided no interface for remotely controlling RF gain.
>
> command 14, subcommand 2 is the RF level setting :) three cheers for
> ICOM! they made the unit so CPU controllable: i have tested both this
> and the AF control.

I'm glad to hear that RF and AF gain can be remotely controlled. As
far as I can tell, Smart ICOM Control doesn't provide remote control
of those functions. It does let you turn AGC off, but that's not very
useful unless you can adjust RF gain as well. Is there any other
remote control software for the R75 which provides support for RF
gain?

> phil :)

Dave
--
==
Dave Ulrick, Systems Programmer E-mail: d-ulrick@...
Northern Illinois University Web: http://www.niu.edu/~ulrick/
DeKalb, IL, USA

1165. Re: [icomr75] Re: Cool uses for your R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-19 16:19:05 UTC
From: Mark J. Fine
Topic: 1153 Message: 1165

All,

Actually, the reason why I hadn't added any "knob" controls was because I hadn't any good knob components to use in the interface.... that is, until now (rows of sliders just don't cut it for those things, IMHO).

73,

Mark J. Fine / mark.fine@...
Remington, Virginia, USA

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----- Original Message -----
From: "Dave Ulrick" <d-ulrick@...>
To: <icomr75@yahoogroups.com>
Sent: Tuesday, February 19, 2002 11:13 AM
Subject: Re: [icomr75] Re: Cool uses for your R75

> On Tue, 19 Feb 2002, just_rtfm wrote:
>
> > Greetings Dave!
> >
> > i downloaded Smart ICOM Control but have not used it yet. i use my
> > laptop PC to decode SSTV, RTTY, BPSK31, and CW. i may write some
> > control programs eventually but am not interested in re-inventing the
> > wheel. i made a simple GUI program to turn the unit ON/OFF and change
> > the frequency just to see what is involved. i like to program using
> > VC++, BCB, and MASM.
> >
> > > I assume that this is because Icom
> > > provided no interface for remotely controlling RF gain.
> >
> > command 14, subcommand 2 is the RF level setting :) three cheers for
> > ICOM! they made the unit so CPU controllable: i have tested both this
> > and the AF control.
>
> I'm glad to hear that RF and AF gain can be remotely controlled. As
> far as I can tell, Smart ICOM Control doesn't provide remote control
> of those functions. It does let you turn AGC off, but that's not very
> useful unless you can adjust RF gain as well. Is there any other
> remote control software for the R75 which provides support for RF
> gain?

>
> > phil :)
>
> Dave
> --
> ==
> Dave Ulrick, Systems Programmer E-mail: d-ulrick@...
> Northern Illinois University Web: http://www.niu.edu/~ulrick/
> DeKalb, IL, USA
>
>
>
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>

1166. Re: [icomr75] Re: Cool uses for your R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-19 17:06:15 UTC
From: Dave Ulrick
Topic: 1153 Message: 1166

On Tue, 19 Feb 2002, Mark J. Fine wrote:

> All,
>
> Actually, the reason why I hadn't added any "knob" controls was because I
> hadn't any good knob components to use in the interface.... that is, until
> now (rows of sliders just don't cut it for those things, IMHO).

I understand. I agree that a bunch of sliders isn't the best. The
PBT sliders work fine, though.

Please be sure to let us know if/when you have a chance to add the RF
and/or AF gain "knobs". Another thing that I think would be cool is
if you could tune the R75 with the scroll wheel on a wheel mouse.

Although I've only played with it for a few days, Smart ICOM Control
32 looks like a fine program. Keep up the good work!!!

> 73,
>
> Mark J. Fine / mark.fine@...
> Remington, Virginia, USA

Dave
--
==
Dave Ulrick, Systems Programmer E-mail: d-ulrick@...
Northern Illinois University Web: http://www.niu.edu/~ulrick/
DeKalb, IL, USA

1167. Re: [icomr75] Re: Cool uses for your R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-19 17:26:58 UTC
From: Mark J. Fine
Topic: 1153 Message: 1167

That being said... I've been meaning to add a squelch knob too.

73,

Mark J. Fine / mark.fine@...
Remington, Virginia, USA

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- East Coast Monitor, Monitoring Times: http://www.grove-ent.com
- English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa

----- Original Message -----
From: "Dave Ulrick" <d-ulrick@...>
To: <icomr75@yahoogroups.com>
Sent: Tuesday, February 19, 2002 12:06 PM
Subject: Re: [icomr75] Re: Cool uses for your R75

> I understand. I agree that a bunch of sliders isn't the best. The
> PBT sliders work fine, though.
>
> Please be sure to let us know if/when you have a chance to add the RF
> and/or AF gain "knobs". Another thing that I think would be cool is
> if you could tune the R75 with the scroll wheel on a wheel mouse.
>
> Although I've only played with it for a few days, Smart ICOM Control
> 32 looks like a fine program. Keep up the good work!!!

1168. rs-232 cable ??

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-19 17:32:21 UTC
From: antoine
Topic: 1168 Message: 1168

Hello

can you tell me what cable do you use to connect r75 to computer

nulmodem or dce-dte cable

Thanks

Antoine (France)

1169. Re: [icomr75] Re: Scanning Utes

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-19 17:38:48 UTC
From: Ron M
Topic: 1128 Message: 1169

Hi Ed and Group,

When you are trying to monitor HF UTE in general , you can't really scan in the true meaning because if you try to set the squelch so you can scan or search you miss most of the Comms, they come in at the squelch level most of the time. I have had success with both units scanning by leaving the squelch open all the time and set the dwell time low and let it go from one freq to another and when there is comms stop the scanning and listen, this is much more effective with a quiet receiver.

Ron M

At 03:17 PM 2/19/02 +0000, you wrote:
>Thanks to all for their feedback. And I agree - I did not want to
>take away from the focus of the group. My concern is that with all
>of the background "noise" associated with some HF utes (e.g. 11175,
>etc.) is t hat the scanning function will not work properly. And
>that's important to me in the consideration of a new purchase.
>
>The R75 has such great reviews from everyone, but few people seem to
>use the scanning feature for Utes. To me, this should be one of the
>most-used features - and this is an indication to me that using the
>scan feature for utes is problematic. I am puzzled by this.
>
>Any comments are appreciated.
>
>Ed
>
>--- In icomr75@y..., "rolloatwerk" <webmechanic@h...> wrote:
> > --- In icomr75@y..., "forbes1136" <biged1136@y...> wrote:
> > >
> > > Joe - thanks - actually, I have an RX320, and the decision for
> > > another receiver is between the RX-350 and the R75! I was
>already
> > > leaning towards the 350, but of course the price of the R75 makes
>me
> > > want to be sure of the premium involved for the 350. Thanks for
>the
> > > input.
> > >
> > > Ed
> > Well, regardless of Joe Jackson's post which might have been better
>directed to alt.advocacy.radio.tentec, let me answer the question you
>actually ASKED.
> >
> > The R-75's scanner works very well. There are 3 basic scan modes

>plus a priority override. The basic scan modes can be made to behave
>differently depending on how you set the squelch and scan/resume
>mode. Scanning preprogrammed memory locations would probably be the
>most familiar to you if you have ever used a standard "police"
>scanner.
> >
> > I'm sure the RX-350 is a wonderful radio. But I don't think this
>is the right group to be discussing it. I'd hate to see this group
>and the RX-350 group become less effective because advocates began
>posting "your radio sucks" back and forth.
>
>
>
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[Non-text portions of this message have been removed]

1170. Re: [icomr75] rs-232 cable ??

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-19 17:42:35 UTC
From: Dave
Topic: 1168 Message: 1170

Plain old garden variety Serial cable.
----- Original Message -----
From: antoine
To: ic-r75
Sent: Tuesday, February 19, 2002 17:32
Subject: [icomr75] rs-232 cable ??

Hello

can you tell me what cable do you use to connect r75 to computer

nulmodem or dce-dte cable

Thanks

Antoine (France)

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[Non-text portions of this message have been removed]

1171. Re: [icomr75] Re: Scanning Utes

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-19 17:49:19 UTC
From: Bob
Topic: 1128 Message: 1171

--- forbes1136 <biged1136@...> wrote:
> My concern is that with all
> of the background "noise" associated with some HF
> utes (e.g. 11175, etc.) is t hat the scanning
>function will not work properly

I have to agree 100% with this statement. I find scanning HF utes is nearly useless (much to my disappointment.) The squelch has to be set so high to overcome the inherent noise level (atmospheric or local generated noise) that only the strongest stations break the squelch. What usually happens is that I will hear Andrews or CAMSLANT return a call and then I will lock onto that freq., turn down the squelch, listen and then resume the scan. I don't know any way around this. I wish there was a way to scan with the squelch open, but on the R-75 it will lock on each freq. for about 10 seconds before resuming.

Regards,
Bob

=====
==========
Listening to the world
from suburban
Philadelphia, PA USA
==========

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http://sports.yahoo.com

1172. Re: [icomr75] rs-232 cable ??

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-19 17:51:18 UTC
From: Dave Ulrick
Topic: 1168 Message: 1172

On Tue, 19 Feb 2002, antoine wrote:

> Hello
>
>
> can you tell me what cable do you use to connect r75 to computer
>
> nulmodem or dce-dte cable

You should use a cable that's wired like a modem cable (DCE-DTE)
rather than a nullmodem.

I'm using a cable that was labeled as a serial mouse extension cable.
My local computer stores didn't seem to carry anything that was more
appropriate.

In order to fit the cable on the R75's serial connector, I had to
unscrew the hex-shaped metal things on the end of the extension cable
that are intended to accept the end of the serial mouse cable.
Although this leaves me with no way to permanently fasten the cable to
the R75, my cable stays in place by friction.

> Thanks
>
> Antoine (France)

I hope this helps.

Dave
--
Dave Ulrick, Systems Programmer E-mail: d-ulrick@...
Northern Illinois University Web: http://www.niu.edu/~ulrick/
DeKalb, IL, USA

1173. Re: [icomr75] rs-232 cable ??

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-19 18:02:55 UTC
From: Dave
Topic: 1168 Message: 1173

Can't you use the screws that attached the hex dealies to the cable? Turn the hex dealies around?
----- Original Message -----
From: Dave Ulrick
To: ic-r75
Sent: Tuesday, February 19, 2002 17:51
Subject: Re: [icomr75] rs-232 cable ??

On Tue, 19 Feb 2002, antoine wrote:

> Hello
>
>
> can you tell me what cable do you use to connect r75 to computer
>
> nulmodem or dce-dte cable

You should use a cable that's wired like a modem cable (DCE-DTE)
rather than a nullmodem.

I'm using a cable that was labeled as a serial mouse extension cable.
My local computer stores didn't seem to carry anything that was more
appropriate.

In order to fit the cable on the R75's serial connector, I had to
unscrew the hex-shaped metal things on the end of the extension cable
that are intended to accept the end of the serial mouse cable.
Although this leaves me with no way to permanently fasten the cable to
the R75, my cable stays in place by friction.

> Thanks
>
> Antoine (France)

I hope this helps.

Dave
--
==
Dave Ulrick, Systems Programmer E-mail: d-ulrick@...
Northern Illinois University Web: http://www.niu.edu/~ulrick/
DeKalb, IL, USA

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[Non-text portions of this message have been removed]

1174. Re: [icomr75] Re: Scanning Utes

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-19 18:03:54 UTC
From: Dave
Topic: 1128 Message: 1174

Like I said, get a radio for each channel ;-)
----- Original Message -----
From: Bob
To: icomr75@yahoogroups.com
Sent: Tuesday, February 19, 2002 17:49
Subject: Re: [icomr75] Re: Scanning Utes

--- forbes1136 <biged1136@...> wrote:
> My concern is that with all
> of the background "noise" associated with some HF
> utes (e.g. 11175, etc.) is t hat the scanning
>function will not work properly

I have to agree 100% with this statement. I find
scanning HF utes is nearly useless (much to my
disappointment.) The squelch has to be set so high to
overcome the inherent noise level (atmospheric or
local generated noise) that only the strongest
stations break the squelch. What usually happens is
that I will hear Andrews or CAMSLANT return a call and
then I will lock onto that freq., turn down the
squelch, listen and then resume the scan. I don't know
any way around this. I wish there was a way to scan
with the squelch open, but on the R-75 it will lock on
each freq. for about 10 seconds before resuming.

Regards,
Bob

=====
========================
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========================

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[Non-text portions of this message have been removed]

1175. Re: [icomr75] rs-232 cable ??

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-19 18:28:58 UTC
From: Dave Ulrick
Topic: 1168 Message: 1175

On Tue, 19 Feb 2002, Dave wrote:

> Can't you use the screws that attached the hex dealies to the
> cable? Turn the hex dealies around?

I'll have to take a closer look at the cable. If I remember right,
the threads for the hex dealies were embedded in the molded plastic
cable end.

Dave U.
--
==
Dave Ulrick, Systems Programmer E-mail: d-ulrick@...
Northern Illinois University Web: http://www.niu.edu/~ulrick/
DeKalb, IL, USA

1176. Re: Scanning Utes

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-19 19:04:19 UTC
From: forbes1136
Topic: 1128 Message: 1176

Thanks Ron. This appears to be the only solution.

Ed

--- In icomr75@y..., Ron M <rmonfeli@f...> wrote:
> Hi Ed and Group,
>
> When you are trying to monitor HF UTE in general , you can't really
scan in
> the true meaning because if you try to set the squelch so you can
scan or
> search you miss most of the Comms, they come in at the squelch
level most
> of the time. I have had success with both units scanning by
leaving the
> squelch open all the time and set the dwell time low and let it go
from one
> freq to another and when there is comms stop the scanning and
listen, this
> is much more effective with a quiet receiver.
>
> Ron M
>
> At 03:17 PM 2/19/02 +0000, you wrote:
> >Thanks to all for their feedback. And I agree - I did not want to
> >take away from the focus of the group. My concern is that with all
> >of the background "noise" associated with some HF utes (e.g. 11175,
> >etc.) is t hat the scanning function will not work properly. And
> >that's important to me in the consideration of a new purchase.
> >
> >The R75 has such great reviews from everyone, but few people seem
to
> >use the scanning feature for Utes. To me, this should be one of
the
> >most-used features - and this is an indication to me that using the
> >scan feature for utes is problematic. I am puzzled by this.
> >
> >Any comments are appreciated.
> >
> >Ed
> >
> >--- In icomr75@y..., "rolloatwerk" <webmechanic@h...> wrote:
> > > --- In icomr75@y..., "forbes1136" <biged1136@y...> wrote:
> > > >
> > > > Joe - thanks - actually, I have an RX320, and the decision for

> > > > another receiver is between the RX-350 and the R75! I was
> >already
> > > > leaning towards the 350, but of course the price of the R75
makes
> >me
> > > > want to be sure of the premium involved for the 350. Thanks
for
> >the
> > > > input.
> > > > >
> > > > Ed
> > > Well, regardless of Joe Jackson's post which might have been
better
> >directed to alt.advocacy.radio.tentec, let me answer the question
you
> >actually ASKED.
> > >
> > > The R-75's scanner works very well. There are 3 basic scan
modes
> >plus a priority override. The basic scan modes can be made to
behave
> >differently depending on how you set the squelch and scan/resume
> >mode. Scanning preprogrammed memory locations would probably be
the
> >most familiar to you if you have ever used a standard "police"
> >scanner.
> > >
> > > I'm sure the RX-350 is a wonderful radio. But I don't think
this
> >is the right group to be discussing it. I'd hate to see this group
> >and the RX-350 group become less effective because advocates began
> >posting "your radio sucks" back and forth.
> >
> >
> >
> >To unsubscribe from this group, send an email to:
> >icomr75-unsubscribe@e...
> >
> >
> >
> >Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/
>
>
> [Non-text portions of this message have been removed]

1177. Re: Cool uses for your R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-19 21:45:32 UTC
From: rolloatwerk
Topic: 1153 Message: 1177

--- In icomr75@y..., Dave Ulrick <d-ulrick@n...> wrote:
> Smart ICOM Control
> 32 looks like a fine program.

Sure is. It's a Mark J. Fine program.
You meant to say this, right?

1178. Re: [icomr75] Re: Cool uses for your R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-19 22:01:32 UTC
From: Dave Ulrick
Topic: 1153 Message: 1178

On Tue, 19 Feb 2002, rolloatwerk wrote:

> --- In icomr75@y..., Dave Ulrick <d-ulrick@n...> wrote:
> > Smart ICOM Control
> > 32 looks like a fine program.
>
> Sure is. It's a Mark J. Fine program.
> You meant to say this, right?

Yeah, sure, that's what I meant to say. Right. Uh-huh.

:-)

Dave
--
==
Dave Ulrick, Systems Programmer E-mail: d-ulrick@...
Northern Illinois University Web: http://www.niu.edu/~ulrick/
DeKalb, IL, USA

1179. Re: Scanning Utes

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-19 16:21:35 UTC
From: forbes1136
Topic: 1128 Message: 1179

Thanks Mark - just the kind of feedback I was looking for. I don't believe there is a problem with your unit - this is just the kind of thing I was told to look out for when trying to scan HF - it's very tough to do. But it seems that the R75 is capable of scanning these frequencies, just with a little compromise.

Ed

--- In icomr75@y..., Mark Turner <mark@k...> wrote:
> On Tue, 19 Feb 2002, forbes1136 wrote:
> >
> > The R75 has such great reviews from everyone, but few people seem to
> > use the scanning feature for Utes. To me, this should be one of the
> > most-used features - and this is an indication to me that using the
> > scan feature for utes is problematic. I am puzzled by this.
>
> I sometimes scan with my R75, usually 5.68MHz and 11.175MHz both USB.
>
> I find that there is a difference between the squelch level at which
> audio gets through and the level at which the scan stops.
>
> In other words, if I have the squelch set too low then I get a "ticking"
> noise each time around the (not stopped yet) scan as a little background
> noise gets through. If I turn the squelch up a little then the ticking
> goes away but then I miss some of the weaker signals that I would have
> caught if I'd been sitting on that channel (not scanning) with the
> squelch at the slightly lower level.
>
> So, I think there is an issue with the R75's scanning at least on my
> unit, but a very small one as there is a workaround if you don't mind
> setting the squelch a little higher.
>
> Having said all that, scanning on the R75 is *much* easier than on my
> AR7030+ as the front panel squelch control is always there compared
> with the one on the AR7030+ being umpteen button presses away and

then
> it forgets that it is enabled every time I switch off (or standby).
>
> Cheers,
>
> Mark.

1180. Re[2]: [icomr75] Re: Cool uses for your R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-20 00:22:02 UTC
From: Marv
Topic: 1153 Message: 1180

Mark,
MJF> Actually, the reason why I hadn't added any "knob" controls was because I
MJF> hadn't any good knob components to use in the interface.... that is, until
MJF> now..........."

I have downloaded your Smart Icom software and am evaluating it now
(so far, for the most part, I like it.....)
Do I take it that you may be adding "knob" controls in the future?

Marv

1181. Re: Re[2]: [icomr75] Re: Cool uses for your R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-20 01:28:16 UTC
From: Mark J. Fine
Topic: 1153 Message: 1181

Short answer: Yes.

73,

Mark J. Fine / mark.fine@...
Remington, Virginia, USA

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- East Coast Monitor, Monitoring Times: http://www.grove-ent.com
- English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa

----- Original Message -----
From: "Marv" <bizjetmech@...>
To: "Mark J. Fine" <mark.fine@...>
Cc: <icomr75@yahoogroups.com>
Sent: Tuesday, February 19, 2002 7:22 PM
Subject: Re[2]: [icomr75] Re: Cool uses for your R75

> Mark,
> MJF> Actually, the reason why I hadn't added any "knob" controls was because
I
> MJF> hadn't any good knob components to use in the interface.... that is,
until
> MJF> now..........."
>
> I have downloaded your Smart Icom software and am evaluating it now
> (so far, for the most part, I like it.....)
> Do I take it that you may be adding "knob" controls in the future?
>
> Marv
>
>

1182. Re: Cool uses for your R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-20 04:37:00 UTC
From: just_rtfm
Topic: 1153 Message: 1182

Mark:

i have not used your program yet with my R-75. i did download it though before i got the unit so i could get a feel for what was controllable on the R-75 and your program's features. your program is very nice and i am recommending it on my future website. IMO if you make a big slider control this would not be a bad alternative to a knob.

phil :)

1183. Re: Scanning Utes

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-20 04:44:11 UTC
From: just_rtfm
Topic: 1128 Message: 1183

hello Ed:

would you mind telling me what exactly is the trouble with the R-75
for scanning UTEs (since i do not do this). please give details of
what you would like the unit to do and what it is doing wrong.

thanks in advance,
phil :)

1184. Re: [icomr75] Re: Cool uses for your R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-20 05:11:12 UTC
From: Mark J. Fine
Topic: 1153 Message: 1184

Actually, I prefer using knobs because sliders take up way too much real estate. I've used sliders before (for the PBTs on SIC and for a couple of other controls on Smart NRD) and they don't do it for me. For one, it takes the "radio" feel away from the interface. I liked sliders on my ICF-2001, but these are real radios. <G>

73,

Mark J. Fine / mark.fine@...
Remington, Virginia, USA

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- East Coast Monitor, Monitoring Times: http://www.grove-ent.com
- English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa

----- Original Message -----
From: "just_rtfm" <just_rtfm@...>
To: <icomr75@yahoogroups.com>
Sent: Tuesday, February 19, 2002 11:37 PM
Subject: [icomr75] Re: Cool uses for your R75

> Mark:
>
> i have not used your program yet with my R-75. i did download it
> though before i got the unit so i could get a feel for what was
> controllable on the R-75 and your program's features. your program is
> very nice and i am recommending it on my future website. IMO if you
> make a big slider control this would not be a bad alternative to a
> knob.
>
> phil :)

1185. Re: Scanning Utes

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-20 11:13:41 UTC
From: forbes1136
Topic: 1128 Message: 1185

Hi Phil. I don't have one yet - I'm trying to decide which new receiver to buy and it's down to the R75 and one other. What I want to do, to simplify for this message, is to scan between two frequencies in HF SSB, and have the receiver stop when it hears a transmission, listen for a period of time, or until it completes, and then move on up the band until it hears another transmission, and repeats the process.

Much like the Uniden and RS police scanners that manny of us have.

I know it will do this on the SW bands...the trick is, due to all of the noise on HF SSB, to do it on these Ute frequencies.

Ed
--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> hello Ed:
>
> would you mind telling me what exactly is the trouble with the R-75
> for scanning UTEs (since i do not do this). please give details of
> what you would like the unit to do and what it is doing wrong.
>
> thanks in advance,
> phil :)

1186. Re: Antenna poll...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-20 12:28:20 UTC
From: alaskaradio
Topic: 1115 Message: 1186

Once the snow melts up here I'll be installing a coax fed longwire and
a homebrewed T2FD. MAYBE a K9AY if I can find the yard space for it.

73's de

Tom (N0TPM)

Listening to the world from the south side of Anchorage Alaska
61N/150W -9hrs UTC

Using:
R-75, PCR-1000, DX-390
PRO-37, PRO-2006, PRO-2042/OS535
With Probe V6, ScanCat Gold SE, Fineware and TalkPCR software
ICOM Air Band HT
ICOM 2m/70cm HT, ICOM 2m/70cm Mobile, Yaesu 2m Mobile
HTX-100 10m Mobile
ANTRON 99, 'Skywire' Loop, MFJ Tuner,
RS Discone, Hustler Discone

1187. Re: [icomr75] Re: Cool uses for your R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-20 15:59:41 UTC
From: Dave
Topic: 1153 Message: 1187

Can you make a "knob" that works on a scrollwheel and/or "arrow" keys? (Like your station lists do).
----- Original Message -----
From: Mark J. Fine
To: icomr75@yahoogroups.com
Sent: Wednesday, February 20, 2002 05:11
Subject: Re: [icomr75] Re: Cool uses for your R75

Actually, I prefer using knobs because sliders take up way too much real estate. I've used sliders before (for the PBTs on SIC and for a couple of other controls on Smart NRD) and they don't do it for me. For one, it takes the "radio" feel away from the interface. I liked sliders on my ICF-2001, but these are real radios. <G>

73,

Mark J. Fine / mark.fine@...
Remington, Virginia, USA

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- East Coast Monitor, Monitoring Times: http://www.grove-ent.com
- English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa

----- Original Message -----
From: "just_rtfm" <just_rtfm@...>
To: <icomr75@yahoogroups.com>
Sent: Tuesday, February 19, 2002 11:37 PM
Subject: [icomr75] Re: Cool uses for your R75

> Mark:
>
> i have not used your program yet with my R-75. i did download it
> though before i got the unit so i could get a feel for what was
> controllable on the R-75 and your program's features. your program is
> very nice and i am recommending it on my future website. IMO if you
> make a big slider control this would not be a bad alternative to a
> knob.
>
> phil :)

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[Non-text portions of this message have been removed]

1188. need help 'little '

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-20 17:09:02 UTC
From: antoine
Topic: 1115 Message: 1188

Hello

i just buy cable rs-232 for computer and ic-r75 , this is a good cable
because i can use smart icom.

now i try to use VBasic , i send "FEFE5AE01800FD" to switch on the icr75 ,
no reaction :(.....

(i m not sure to use "E0" because i don t use CI-V

someone cant help me to begin a communication by serial port ?

does the keyword are correct ?

Thanks

Antoine

[Non-text portions of this message have been removed]

1189. Re: need help 'little '

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-20 17:11:53 UTC
From: w1193
Topic: 1115 Message: 1189

Well its a good plan but its NOT quite that SIMPLE! Join my R-7100
group in the yahoo groups. Goto the files section, I have an example
VB6 program for controlling the R7100 there with SOURCE CODE. This
should provide you the info you need to get you started.

:-)

--- In icomr75@y..., "antoine" <antoine.r@n...> wrote:
>
>
>
> Hello
>
> i just buy cable rs-232 for computer and ic-r75 , this is a good
cable
> because i can use smart icom.
>
> now i try to use VBasic , i send "FEFE5AE01800FD" to switch on
the icr75 ,
> no reaction :(......
>
> (i m not sure to use "E0" because i don t use CI-V
>
> someone cant help me to begin a communication by serial port ?
>
> does the keyword are correct ?
>
>
> Thanks
>
> Antoine
>
>
>
> [Non-text portions of this message have been removed]

1190. RE: [icomr75] Re: need help 'little '

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-20 18:31:25 UTC
From: antoine
Topic: 1115 Message: 1190

thanks

i will send you my work , maybe it will interesting you

thanks

Antoine
-----Message d'origine-----
De : w1193 [mailto:w1193@...]
Envoye : mercredi 20 fevrier 2002 18:12
A : icomr75@yahoogroups.com
Objet : [icomr75] Re: need help 'little '

Well its a good plan but its NOT quite that SIMPLE! Join my R-7100
group in the yahoo groups. Goto the files section, I have an example
VB6 program for controlling the R7100 there with SOURCE CODE. This
should provide you the info you need to get you started.

:-)

--- In icomr75@y..., "antoine" <antoine.r@n...> wrote:
>
>
>
> Hello
>
> i just buy cable rs-232 for computer and ic-r75 , this is a good
cable
> because i can use smart icom.
>
> now i try to use VBasic , i send "FEFE5AE01800FD" to switch on
the icr75 ,
> no reaction :(......
>
> (i m not sure to use "E0" because i don t use CI-V
>
> someone cant help me to begin a communication by serial port ?
>
> does the keyword are correct ?
>
>
> Thanks
>
> Antoine
>
>

>
> [Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

1191. Re: [icomr75] Re: Cool uses for your R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-20 18:50:26 UTC
From: Mark J. Fine
Topic: 1153 Message: 1191

Actually, the knobs I've already designed work on a right-mouse = cw,
left-mouse = ccw basis. That allows you to hold the mouse button down for
rapid-fire tuning, etc.

73,

Mark J. Fine / mark.fine@...
Remington, Virginia, USA

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- East Coast Monitor, Monitoring Times: http://www.grove-ent.com
- English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa

----- Original Message -----
From: "Dave" <rickets@...>
To: <icomr75@yahoogroups.com>
Sent: Wednesday, February 20, 2002 10:59 AM
Subject: Re: [icomr75] Re: Cool uses for your R75

> Can you make a "knob" that works on a scrollwheel and/or "arrow" keys?
(Like your station lists do).

1192. R75/Kiwa mods & filters $750

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-20 23:41:54 UTC
From: cyr999@extremezone.com
Topic: 1192 Message: 1192

Icom R75 - 10 out of 10 with Kiwa mods, 2.4 Icom filter and 1.8 Inrad filter. Check Kiwa Electronics website for mod description. I don't use the rig enough and bought a 756PRO with general coverage.

1193. Re: need help 'little '

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-20 23:41:40 UTC
From: just_rtfm
Topic: 1115 Message: 1193

hi Antoine:

> now i try to use VBasic , i send "FEFE5AE01800FD" to switch on

i believe 'ON' is FE, FE, 5A, E0, 18, 01, FD

use '01' instead of '00'

also realize that each set of two numbers above represents /one/ byte
because they are hexidecimal numbers therefore 'FE' will probably
have to be sent out of visual basic (i am a VC++, BCB, MASM user,
little rusty on BASIC) as CHR$(254). you can probably tell VB they
are hex numbers also with a prefix of some type.

if you need more help just ask.
phil :)

1194. R-75, R-75A????

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-21 01:59:36 UTC
From: woody07823
Topic: 1194 Message: 1194

I've seen the R-75A Model # bandied about here and there.
Are there 2 versions out?
If so, what are the differences?
Thanks,
Lenny

1195. Re: [icomr75] Re: Cool uses for your R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-21 02:47:25 UTC
From: Dave
Topic: 1153 Message: 1195

That'll work!
----- Original Message -----
From: Mark J. Fine
To: icomr75@yahoogroups.com
Sent: Wednesday, February 20, 2002 18:50
Subject: Re: [icomr75] Re: Cool uses for your R75

Actually, the knobs I've already designed work on a right-mouse = cw,
left-mouse = ccw basis. That allows you to hold the mouse button down for
rapid-fire tuning, etc.

73,

Mark J. Fine / mark.fine@...
Remington, Virginia, USA

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- Owner/Proprietor, FineWare: http://www.fineware-swl.com
- East Coast Monitor, Monitoring Times: http://www.grove-ent.com
- English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa

----- Original Message -----
From: "Dave" <rickets@...>
To: <icomr75@yahoogroups.com>
Sent: Wednesday, February 20, 2002 10:59 AM
Subject: Re: [icomr75] Re: Cool uses for your R75

> Can you make a "knob" that works on a scrollwheel and/or "arrow" keys?
(Like your station lists do).

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[Non-text portions of this message have been removed]

1196. Re: [icomr75] Re: Cool uses for your R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-21 03:06:17 UTC
From: Mark J. Fine
Topic: 1153 Message: 1196

From: "Dave" <rickets@...>
> That'll work!

Haven't added the knobs to the new Smart Control Pro yet, but a preview is at:
http://www.fineware-swl.com/src4.html

Right now I'm calling it the new Smart "R8" Control, but the whole thing will be modular and will "morph" to whatever radio it's going to be used for (IOW: finally one product for many radios). This picture just has the R8 faceplate showing and not the JRC, Kenwood or Icom ones yet. I'm not going to shout too loud about it, but look real close at the lower picture.

73,

Mark J. Fine / mark.fine@...
Remington, Virginia, USA

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- East Coast Monitor, Monitoring Times: http://www.grove-ent.com
- English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa

1197. Re: [icomr75] Re: Cool uses for your R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-21 14:19:11 UTC
From: Dave
Topic: 1153 Message: 1197

I'll have to move my shortcuts around. I have them arranged around where Smart R8 Control 32 pops-up when I open it.
----- Original Message -----
From: Mark J. Fine
To: icomr75@yahoogroups.com
Sent: Thursday, February 21, 2002 03:06
Subject: Re: [icomr75] Re: Cool uses for your R75

From: "Dave" <rickets@...>
> That'll work!

Haven't added the knobs to the new Smart Control Pro yet, but a preview is at:
http://www.fineware-swl.com/src4.html

Right now I'm calling it the new Smart "R8" Control, but the whole thing will be modular and will "morph" to whatever radio it's going to be used for (IOW: finally one product for many radios). This picture just has the R8 faceplate showing and not the JRC, Kenwood or Icom ones yet. I'm not going to shout too loud about it, but look real close at the lower picture.

73,

Mark J. Fine / mark.fine@...
Remington, Virginia, USA

Serving the Shortwave Community since 1988:
- Owner/Proprietor, FineWare: http://www.fineware-swl.com
- East Coast Monitor, Monitoring Times: http://www.grove-ent.com
- English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa

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[Non-text portions of this message have been removed]

1198. Re: R-75, R-75A????

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-21 16:48:37 UTC
From: Eddie Bryant
Topic: 1194 Message: 1198

> I've seen the R-75A Model # bandied about here and there.
> Are there 2 versions out?
> If so, what are the differences?
> Thanks,
> Lenny

I know of no improved and better "A" models as of yet.

I have seen this used by radio dealers as a marketing gimmick to make their models stand out. Give them a call and ask. We would all be interested to know.

Another reason for the "A" suffix may be that there are two different power (Mains) supplies for the R-75 (115 and 220Vac) but this is external to the R-75.

Icom usually debuts their new models at Dayton Ohio's Hamvention in May. Waiting to see what is in store for us this year.

Ed
N4UMJ

1199. Re: [icomr75] Re: R-75, R-75A????

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-21 16:52:20 UTC
From: Mark Turner
Topic: 1194 Message: 1199

On Thu, 21 Feb 2002, Eddie Bryant wrote:
>
> Another reason for the "A" suffix may be that there are
> two different power (Mains) supplies for the R-75 (115
> and 220Vac) but this is external to the R-75.

My R75 is really a an IC-R75E. I'm guessing that the E stands
for Europe as I'm in the UK. Maybe something to do with different
safety and/or emissions standards in different regions?

Cheers,

Mark.

1200. Re: [icomr75] Re: R-75, R-75A????

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-21 18:39:48 UTC
From: efricha@dimensional.com
Topic: 1194 Message: 1200

```
>
> On Thu, 21 Feb 2002, Eddie Bryant wrote:
> >
> > Another reason for the "A" suffix may be that there are
> > two different power (Mains) supplies for the R-75 (115
> > and 220Vac) but this is external to the R-75.
>
> My R75 is really a an IC-R75E. I'm guessing that the E stands
> for Europe as I'm in the UK. Maybe something to do with different
> safety and/or emissions standards in different regions?
>

The letter is indeed a country/region code. The -E probably has
a 9 kHz step unavailable here. There are others that don't go above
either 25 or 30 MHz. The -A is just a North American designation,
not a designation for an "improved" version.

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert
```

1201. Curing Computer Noise in Radios - PART TWO

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-21 20:43:37 UTC
From: AutoTest
Topic: 1201 Message: 1201

In Part One I went into a great amount of detail in describing how to stop the RF generated inside the computer from leaking out. If you now have a computer case that does leak RF then the only way out is via the connections to that case.

RF can leak via the mains cable into the house wiring to be re-radiated and picked up by your super sensitive receiving antenna and back to the receiver. Use a filtered power board, as I described earlier, and keep the lead as short as possible.

*** Modems

The telephone line from an internal/external modem can act in the same way, with the RF being re-radiated from the overhead lines entering your house. Use a large clamp-on split ferrite suppressor and wind the telephone line through it at least 6-7 times.

For an external modem, use a shielded modem cable which has the shield connected to the shells of the plugs either end. Ensure that the plug shells makes good contact with the port connectors on the computer and the modem. If there is still a problem, then RF may be using this route back through the modem's power supply to the mains supply. Put ferrite suppressors on each end of the modem cable connecting the modem to the computer. Two turns either end would be good. Additionally put ferrite suppressors on the power cable

*** Keyboard & Mouse

The keyboard socket is usually mounted on the main PCB of the computer and does not often make contact with the metal case, but it should be grounded nearby to the case via a metal stand off. If a nylon stand off has been installed replace it with a metal one.

The keyboard cable may already have a ferrite suppressor built into the cable. However this is only a single turn, add another one with at least two turns.

The keyboard itself has its own microcontroller fitted to its circuit board. On this board there should be some chokes (about three in series with the cable). Cheaper keyboards may have wire links where these chokes should be. You can replace the links with 1mH chokes. If the keyboard is a real problem get a new one.

Mouse cables should be wound through a ferrite suppressor, 6-7 turns at the computer end

*** Serial, Parallel and other ports

Use high quality shielded cables between devices and ensure the connection of the plug and shell is electrically good. If, like a serial cable there are securing bolts that screw into the nuts on the ports, then use them to maintain and add to the connectivity.

If there are still problems, then you should try ferrite suppressors or toroids at each end of the connection.

If cables run long distances try to keep them away from other sources of interference.

*** Sound cards and Multimedia Speakers

The line input, line output, microphone and the amplified speakers make be a source of interference. Winding each cable through ferrite suppressors or small ferrite rings will help eliminate the problem. Try the speakers without power or use the same methods on the DC cable from the plug pack.

*** The Monitor

WARNING - Messing about inside monitors can be extremely dangerous to your health. I personally would not touch the inside of a monitor with a very long insulated wooden pole. Some shielding can be done on the inside, BY PROFESSIONALS, so trying it yourself is not worth the risk.

However, there are a number of things that can be done that will probably eliminate your problems.

The position of the monitor in relation to a radio and its antenna input/outputs and power supply can make a difference. Try routing these items in from a direction opposite to where the monitor is. In my own case I use a Dual Head video board, so there are two monitors next to each other and within 15 inches of the radios. My antenna leads come from a direction behind the monitors. I found I had to run them a floor level past my position for a couple of feet and then up and back to the radios.

If your monitor is sitting on top of your computer case, then try lifting it up off the case with an insulating material (wooden board). You may need to get as gap as much as 150mm (6 inches) and in this case you may be better moving the computer on to the floor or somewhere else. If that is not possible you can try a metal shield between the monitor and the computer. Use metal fly screen, expanded aluminium or even a large metal plate. This needs to be connected by a lead to the monitor chassis. You could get your local TV repair shop to bring a lead out for you or another way is connect it to the braid of the video cable, but you will need to be very careful not to damaged the cable doing this. At the worst you can shield the monitor on the rear, sides, top and bottom. These shields are connected together and to the chassis as described above.

Try plugging your monitor into the filtered power supply board being used by your computer and wind the mains cable through a ferrite suppressor as many time as possible at the monitor end.

Check the mains input (IEC) connector of the monitor, hopefully it will be the filtered type. If it is just about 25mm (1 inch) long (front to back) then it is not filtered. It could be that the filtering is on the power supply and the only way to know for sure, is to have a monitor repair shop check it out. The (IEC) connector on the monitor is the plug and it is the socket that fits into it. I have recently seen filtered types of these sockets being available. If they are available in your country you could always try these.

The video cable and any extensions should be high quality and shielded. Nowadays it is not possible to disconnect the cable from the monitor, so we are stuck with what we have. Put a clamp-on ferrite suppressor on the computer end of the cable and wind the cable, at the monitor end, through a ferrite suppressor ring.

As the video cable is not very flexible you will need a large ring and you need to get as many turns as you can, but not for more than three quarters of the ring. The type of ring you can use are the split ferrite yolk rings which come of scrapped TVs or video monitors.

Get them from your friendly TV/Monitor repair shop. Unless you are 150% sure of what you are doing, do not try to recover these yourself, as the residual electrical charge in the TV/Monitor is dangerous and the risk of the tube imploding is high.

***

All of the measures described can be done by trial and error, easy ones first and working up from there.

*** Notes

As an explanation of how to wind cables on rings. You need to ensure that the parts of the cable not on the ring do not come together as your work can be undone by the RFI passing from the protected to the unprotected side. This is why I talk about only winding for three-quarters of the ring. There is a better way to wind the cable, but hard to describe. Start the winding and go half way, then go through and over the ring back to the start and continue to wind until you meet up where you crossed over. The cable will now enter and exit on opposite sides of the ring.

It is possible to remove the RFI from computer equipment to a level that is not noticeable. My own shack has 4 computers, 5 monitors, printers, scanners etc.

Well I think I covered everything, good luck. If I missed anything or you need greater detail get back to me

Regards and good listening

David Brown
Sydney, Australia

[Non-text portions of this message have been removed]

1202. Re: [icomr75] need help 'little '

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-21 20:48:19 UTC
From: AutoTest
Topic: 1115 Message: 1202

```
Antoine,

For VB you need something like this (CommPort can be 1 or 2 or 3 etc.)

MSComm1.CommPort = 3
MSComm1.Settings = "19200,N,8,2"
MSComm1.PortOpen = True

Preamble = Chr$(&HFE) + Chr$(&HFE) + Chr$(&H5A) + Chr$(&HE0)
EOM = Chr$(&HFD)

DataString = Preamble + Chr$(&H7) + EOM

MSComm1.Output = DataString

----- Original Message -----
From: "antoine" <antoine.r@...>
To: <icomr75@yahoogroups.com>
Sent: Thursday, February 21, 2002 4:09 AM
Subject: [icomr75] need help 'little '

>
>
>
> Hello
>
> i just buy cable rs-232 for computer and ic-r75 , this is a good cable
> because i can use smart icom.
>
> now i try to use VBasic , i send "FEFE5AE01800FD" to switch on the icr75
,
> no reaction :(......
>
> ( i m not sure to use "E0" because i don t use CI-V
>
> someone cant help me to begin a communication by serial port ?
>
> does the keyword are correct ?
>
>
> Thanks
>
> Antoine
>
>
>
> [Non-text portions of this message have been removed]
```

>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
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>
>
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>
>

1203. R75 and Fineware software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-21 21:40:38 UTC
From: cyr999@extremezone.com
Topic: 1203 Message: 1203

Hi folks -

I've had my R75/Kiwa mods up for sale but after looking at the Fineware software site I may very likely not sell it. It looks like the software could REALLY make listening and exploring for the casual user - easier. I was going to sell the R75 because I have a 756PRO with general coverage now - anybody know if the software will work with the pro? If it won't I think I may keep the R75.

Also, is the cable described at the website different then the cable used for connecting from the rig to Icoms software?

Finally, I use a laptop with a Belkin USB to serial port adapter and Windows XP - anybody use this adapter and have a problem with the Fineware software?

Thanks folks.
73/Tim Logan KB7OEX

1204. Re: R75 and Fineware software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-22 00:10:11 UTC
From: rsakabu
Topic: 1203 Message: 1204

--- In icomr75@y..., cyr999@e... wrote:
> Hi folks -
>
> I've had my R75/Kiwa mods up for sale but after looking at the
Fineware software
> site I may very likely not sell it. It looks like the software
could REALLY make
> listening and exploring for the casual user - easier. I was going
to sell the
> R75 because I have a 756PRO with general coverage now - anybody
know if the
> software will work with the pro? If it won't I think I may keep the
R75.
>
> Also, is the cable described at the website different then the
cable used for
> connecting from the rig to Icoms software?
>
> Finally, I use a laptop with a Belkin USB to serial port adapter
and Windows XP
> - anybody use this adapter and have a problem with the Fineware
software?
>
> Thanks folks.
> 73/Tim Logan KB7OEX

Just set the address to the what the 756Pro is set at. Most of the functions work. If you look at the C-IV commands set, commands like frequency control and mode are the same no matter what radio. I've used IC-746 and 718 control software to control my R-75 and 746 and vice versa. Not optimal, but you can make your 746 look like you are operating a 756Pro, at least the basic functions.
Personally, I would keep that R-75 along with the 756Pro. I have a 746 and an R-75 and use both a lot.

73
Roy
AD6ZU

1205. Re: [icomr75] Re: R75 and Fineware software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-22 00:58:03 UTC
From: cyr999@extremezone.com
Topic: 1203 Message: 1205

Hi Roy -

I think I WILL go ahead and keep the R75....presuming the software works well. The software looks like it would give a whole new perspective on that end of the hobby. Pure Hams have an awful lot to learn about SWL - and this software might take some of the frustration out of it! Thanks for the feedback.

Were you able to just plug in the Rat Shack suggested cable and go? Or did you have to do some pin reassigning - this may be a lame question because I am at work and do not have the rig or manual infront of me! 73/Tim

73/Tim

Quoting rsakabu <rsakabu@...>:

> --- In icomr75@y..., cyr999@e... wrote:
> > Hi folks -
> >
> > I've had my R75/Kiwa mods up for sale but after looking at the
> Fineware software
> > site I may very likely not sell it. It looks like the software
> could REALLY make
> > listening and exploring for the casual user - easier. I was going
> to sell the
> > R75 because I have a 756PRO with general coverage now - anybody
> know if the
> > software will work with the pro? If it won't I think I may keep the
> R75.
> >
> > Also, is the cable described at the website different then the
> cable used for
> > connecting from the rig to Icoms software?
> >
> > Finally, I use a laptop with a Belkin USB to serial port adapter
> and Windows XP
> > - anybody use this adapter and have a problem with the Fineware
> software?
> >
> > Thanks folks.
> > 73/Tim Logan KB7OEX
>
> Just set the address to the what the 756Pro is set at. Most of the
> functions work. If you look at the C-IV commands set, commands like
> frequency control and mode are the same no matter what radio. I've
> used IC-746 and 718 control software to control my R-75 and 746 and
> vice versa. Not optimal, but you can make your 746 look like you are

> operating a 756Pro, at least the basic functions.
> Personally, I would keep that R-75 along with the 756Pro. I have a
> 746 and an R-75 and use both a lot.
>
> 73
> Roy
> AD6ZU
>
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>

1206. Re: R75 and Fineware software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-22 12:21:59 UTC
From: lucretius3
Topic: 1203 Message: 1206

--- In icomr75@y..., cyr999@e... wrote:
> Were you able to just plug in the Rat Shack suggested cable and go?
Or did you
> have to do some pin reassigning - this may be a lame question
because I am at
> work and do not have the rig or manual infront of me! 73/Tim

A plain serial cable (not rewired or null modem) will do. However, I
have no idea how you'll fare with a USB port and a USB/serial adapter.

--
Michael Moore

1207. Best R75 software/database?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-22 13:07:11 UTC
From: kb7oex
Topic: 1207 Message: 1207

Hi folks -

Is there a particular software that SWL folks consider the Rolls Royce or the "mainstay" for use with the R75? I've seen the Fineware sight and am currently downloading to take a look. Whatelse would you experienced SWL folks suggest I look at? Thank you for your help.
73/Tim Logan KB7OEX

1208. Re: R75 and Fineware software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-22 17:55:36 UTC
From: rsakabu
Topic: 1203 Message: 1208

--- In icomr75@y..., cyr999@e... wrote:
> Hi Roy -
>
> I think I WILL go ahead and keep the R75....presuming the software works well.
> The software looks like it would give a whole new perspective on that end of the
> hobby. Pure Hams have an awful lot to learn about SWL - and this software might
> take some of the frustration out of it! Thanks for the feedback.
>
> Were you able to just plug in the Rat Shack suggested cable and go? Or did you
> have to do some pin reassigning - this may be a lame question because I am at
> work and do not have the rig or manual infront of me! 73/Tim
>
> 73/Tim
>

Hello Tim,
It isn't even a Rat Shack cable, just the cheapest DB-9M to DB-9F cable I could find or scrounge up. The only thing that is essential is that is pin-to-pin straight through, that is pin 1 of the female side goes to pin 1 of the male side, pin 2 to pin 2, etc. Even the cheapest serial cables tend to be shielded since they are pretty much commodity items nowadays so you shouldn't have any problems there. If you have a C-IV cable, that would work also. I made one up one evening to control my 746 and it also works with the R-75. I wish Icom put a real RS-232 interface in all their transceivers.

Try it out, it's a lot of fun,
73
Roy

1209. re:Best R75 software/database?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-22 18:52:16 UTC
From: gricer37
Topic: 1207 Message: 1209

Personaly i think that icoms own software is the best as you can have as many banks of frequencys as you like and the ability to up/down load as you see fit.It is also very easy to use.

1210. Re: [icomr75] re:Best R75 software/database?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-23 16:21:29 UTC
From: Dave
Topic: 1207 Message: 1210

Have you tried Smart Icom?
----- Original Message -----
From: gricer37
To: icomr75@yahoogroups.com
Sent: Friday, February 22, 2002 18:52
Subject: [icomr75] re:Best R75 software/database?

Personaly i think that icoms own software is the best as you can have
as many banks of frequencys as you like and the ability to up/down
load as you see fit.It is also very easy to use.

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[Non-text portions of this message have been removed]

1211. Re: re:Best R75 software/database?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-23 18:32:08 UTC
From: gricer37
Topic: 1207 Message: 1211

Use it as well as the radio listeners database find them ok for
general listening.still think icoms software is better for my needs
as i can upload to the radio whatever i feel like listening to.

--- In icomr75@y..., "Dave" <rickets@s...> wrote:
> Have you tried Smart Icom?
> ----- Original Message -----
> From: gricer37
> To: icomr75@y...
> Sent: Friday, February 22, 2002 18:52
> Subject: [icomr75] re:Best R75 software/database?
>
>
> Personaly i think that icoms own software is the best as you can
have
> as many banks of frequencys as you like and the ability to
up/down
> load as you see fit.It is also very easy to use.
>
>
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>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@e...
>
>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
>
>
>
> [Non-text portions of this message have been removed]

1212. RE: [icomr75] Re: re:Best R75 software/database?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-23 18:43:30 UTC
From: Mark Veldhuis
Topic: 1207 Message: 1212

Hi,

> -----Original Message-----
> From: gricer37 [mailto:gricer37@...]
> Sent: Saturday, February 23, 2002 7:32 PM
> To: icomr75@yahoogroups.com
> Subject: [icomr75] Re: re:Best R75 software/database?

> Use it as well as the radio listeners database find them ok for
> general listening.still think icoms software is better for my needs
> as i can upload to the radio whatever i feel like listening to.

Better than what? If you meant Smart Icom Control, you obviously didn't
take a close look at that program's features.

73',
Mark Veldhuis.

1213. S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-25 12:25:38 UTC
From: l42a1
Topic: 1213 Message: 1213

I've just got myself a new R75 and I'm still learning to drive it -
the only receiver I've ever had to go to straight to the manual for.

W3JY left the following review on the eham.net site. Given everything
that has been said about the SAM function, what can people say about
W3JY's comments?

"As a SWL rig, I like the R75. The speaker is not the best for SWBC,
and a larger one is on my agenda. However, the synchronous AM works
FB--I don't know why the others complain about it! There are two
"modes" for AMS, one "automatic" the other "manual". It may be they
are leaving it in "automatic" and it isn't kicking in. However, it
makes weak, fading SWBC into a stable, pleasant-to-listen-to signal. I
leave the AMS mode on always... "

1214. Re: [icomr75] S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-25 17:47:19 UTC
From: Bruce Jensen
Topic: 1213 Message: 1214

--- l42a1 <L42A1@...> wrote:
> I've just got myself a new R75 and I'm still
> learning to drive it -
> the only receiver I've ever had to go to straight to
> the manual for.
>
> W3JY left the following review on the eham.net site.
> Given everything
> that has been said about the SAM function, what can
> people say about
> W3JY's comments?
>
> "As a SWL rig, I like the R75. The speaker is not
> the best for SWBC,
> and a larger one is on my agenda. However, the
> synchronous AM works
> FB--I don't know why the others complain about it!
> There are two
> "modes" for AMS, one "automatic" the other "manual".
> It may be they
> are leaving it in "automatic" and it isn't kicking
> in. However, it
> makes weak, fading SWBC into a stable,
> pleasant-to-listen-to signal. I
> leave the AMS mode on always... "

I always used it on manual; it never did much.
Dropping the RF Gain helped a lot more, obviaitng the
need for the AGC. With the AGC fix, everything works
a whole better. I can't speak for the results of the
other fellow.

Bruce Jensen

Do You Yahoo!?
Yahoo! Sports - Coverage of the 2002 Olympic Games
http://sports.yahoo.com

1215. Re: S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-25 21:56:19 UTC
From: njlar
Topic: 1213 Message: 1215

I'm new to this; I've had my R-75 for about a month. I've learned a lot about S-AM on this forum. I did indeed find that dropping the RF gain greatly reduced the fading distortion, but it did the same thing on "normal" AM. So it's still not clear the S-AM does anything. SSB works very well, though. So I'm going to get the FL-257 filter. Too bad it costs more than a third what I paid for the radio.

From an antenna perspective, this thing is so sensitive it seems just about anything will work as long as it's outside. Unless you want something steerable to reduce QRM. Any opinions?

--- In icomr75@y..., Bruce Jensen <bpnjensen@y...> wrote:
>
> --- l42a1 <L42A1@h...> wrote:
> > I've just got myself a new R75 and I'm still
> > learning to drive it -
> > the only receiver I've ever had to go to straight to
> > the manual for.
> >
> > W3JY left the following review on the eham.net site.
> > Given everything
> > that has been said about the SAM function, what can
> > people say about
> > W3JY's comments?
> >
> > "As a SWL rig, I like the R75. The speaker is not
> > the best for SWBC,
> > and a larger one is on my agenda. However, the
> > synchronous AM works
> > FB--I don't know why the others complain about it!
> > There are two
> > "modes" for AMS, one "automatic" the other "manual".
> > It may be they
> > are leaving it in "automatic" and it isn't kicking
> > in. However, it
> > makes weak, fading SWBC into a stable,
> > pleasant-to-listen-to signal. I
> > leave the AMS mode on always... "
>
> I always used it on manual; it never did much.
> Dropping the RF Gain helped a lot more, obviaitng the
> need for the AGC. With the AGC fix, everything works
> a whole better. I can't speak for the results of the
> other fellow.
>

> Bruce Jensen
>
>
> _____
> Do You Yahoo!?
> Yahoo! Sports - Coverage of the 2002 Olympic Games
> http://sports.yahoo.com

1216. New member

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-27 18:35:15 UTC
From: brownc65742
Topic: 1216 Message: 1216

Greetings fellow SWL's,
Found this group in my quest for info on the R-75 and judging by what I've read I'm in the right place. Been in the hobby for a couple of years now and enjoy it as time allows. My main radio is a Drake SW-2 and a 40ft random wire in the attic. A recent move has boosted my interest as I now have room for a "real" antenna so it may be an Alpha-Delta sloper or l-o-n-g inverted-L. I'm also considering a radio upgrade and I like what I've read re:the R-75. It has more features that I think would enhance reception of faint signals. Although there seems to be some question about the usefullness of the S-am on the R-75 (Syncronous detection is pretty good on the Drake). What do you think; is the R-75 a significant upgrade from my SW-2? If so, there's gonna be minty SW-2 for sale.
Curt

1217. Shocking blue!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-27 19:23:24 UTC
From: E de Jong
Topic: 1217 Message: 1217

In my shag I move around a lot. Two keyboards to operate, a scanner, the Icom, etc. So while I'm swirling around on my chair (one with wheels) I seem to pick up much static current. Whenever I touch the Icom (or the scanner) the sparks are flying between my fingers and the metalic rigs. And that's not pleasant to say the least. I'm sure the cause is a lack of earthing of the rigs.

Sometimes when I only briefly touch the dialingknob, not dialing it, the frequency skips a few Hz's.

1. Can this be damaging for the Icom?

2. Except for slamming some earthingrod in the garden, can I do something about this annoying sparks?

Maybe touching the radiator of the central heating before touching the Icom... :-)

Thnx a lot...

Ed de Jong
Balk. The Netherlands
URL: http://beam.to/galact
E-mail: ed@... <mailto:ed@...> (default)
_____
{The night hides a world but unveils a universe}

[Non-text portions of this message have been removed]

1218. Re: [icomr75] Shocking blue!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-27 19:50:42 UTC
From: efricha@dimensional.com
Topic: 1217 Message: 1218

>
> In my shag I move around a lot. Two keyboards to operate, a scanner, the Icom, etc. So while I'm swirling around on my chair (one with wheels) I seem to pick up much static current. Whenever I touch the Icom (or the scanner) the sparks are flying between my fingers and the metalic rigs. And that's not pleasant to say the least. I'm sure the cause is a lack of earthing of the rigs.
>
> Sometimes when I only briefly touch the dialingknob, not dialing it, the frequency skips a few Hz's.
>
> 1. Can this be damaging for the Icom?

Yes. Absolutely.

> 2. Except for slamming some earthingrod in the garden, can I do something about this annoying sparks?

Grounding the rigs won't help that problem. You are generating static electricity and it would discharge to any metal object. You may want to ground them for other reasons, but that's outside the scope of your problem.

> Maybe touching the radiator of the central heating before touching the Icom... :-)

That, indeed would help.

I also create a huge amount of static -- enough to throw inch-long sparks from my fingers. Don't know why but it is probably my choice of clothing and shoes -- and the excessively dry Colorado climate.

To avoid the annoying "pain" from the sparks I often touch things (like door knobs, etc) with a key that I'm holding firmly in my fingers. This spreads out the point where the dissipation occurs for my fingers.

For protecting my equipment I have anti-static mats designed to be used with PC keyboards. I touch those first. Those are indeed grounded/earthed to a safety ground. In the US, every outlet plate is held on by a grounded screw. Similarly, I have the metal components of my desk tied to the safety ground via a 10 megohm resistor.

I got two at a hamfest for $1 each and had my employer buy one for at work which cost them all of $20. Check a computer supply house for a source.

> Thnx a lot...
>

Hope this helps.

Eric

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

1219. Re: [icomr75] New member

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-27 21:56:03 UTC
From: Bob
Topic: 1216 Message: 1219

> What do you think; is the R-75 a significant upgrade
> from my SW-2?
> If so, there's gonna be minty SW-2 for sale.
> Curt
>
Hi Curt,

I went along the same path you are (or may.) I used a SW-2 for several years and upgraded to the R-75 and never looked back. The R-75 opens up many new possibilties. It has many controls to tweak reception, more filter selections, outstanding display, capability to switch between two antennas at the push of a button, line out so you can decode digital signals, etc, etc, etc. As far as the sync detector, yes it is inferior to the Drake. But, I don't use it anyway. I use SSB to tune broadcast stations on the R-75 and the sound is very good with a wide SSB filter. That takes care of any fading. I would recommend an external speaker if you are a program listener. Radio Shack constantly puts a RCA speaker on sale for about $20 that is great. There have been several previous posts about that. I have not bought any additional filters, just running the stock filters. That seems to suit me. Not convinced the high price for optional filters is justified for me. Hope this helps with your decision.

Regard,
Bob

=====
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==========

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1220. Re: [icomr75] Shocking blue!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-28 00:59:19 UTC
From: Dave
Topic: 1217 Message: 1220

I live in the desert. I use a either a humidifier or swamp cooler to keep the relative humidity above 40% at all times. No sparks.
----- Original Message -----
From: efricha@...
To: icomr75@yahoogroups.com
Cc: Eric F. Richards
Sent: Wednesday, February 27, 2002 19:50
Subject: Re: [icomr75] Shocking blue!

>
> In my shag I move around a lot. Two keyboards to operate, a scanner, the Icom, etc. So while I'm swirling around on my chair (one with wheels) I seem to pick up much static current. Whenever I touch the Icom (or the scanner) the sparks are flying between my fingers and the metalic rigs. And that's not pleasant to say the least. I'm sure the cause is a lack of earthing of the rigs.
>
> Sometimes when I only briefly touch the dialingknob, not dialing it, the frequency skips a few Hz's.
>
> 1. Can this be damaging for the Icom?

Yes. Absolutely.

> 2. Except for slamming some earthingrod in the garden, can I do something about this annoying sparks?

Grounding the rigs won't help that problem. You are generating static electricity and it would discharge to any metal object. You may want to ground them for other reasons, but that's outside the scope of your problem.

> Maybe touching the radiator of the central heating before touching the Icom... :-)

That, indeed would help.

I also create a huge amount of static -- enough to throw inch-long sparks from my fingers. Don't know why but it is probably my choice of clothing and shoes -- and the excessively dry Colorado climate.

To avoid the annoying "pain" from the sparks I often touch things (like door knobs, etc) with a key that I'm holding firmly in my fingers. This spreads out the point where the dissipation occurs for my fingers.

For protecting my equipment I have anti-static mats designed to be used with PC keyboards. I touch those first. Those are indeed grounded/earthed to a safety ground. In the US, every outlet plate is held on by a grounded screw. Similarly, I have the metal components of my desk tied to the safety ground via a 10 megohm resistor.

I got two at a hamfest for $1 each and had my employer buy one for at work which cost them all of $20. Check a computer supply house for a source.

> Thnx a lot...
>

Hope this helps.

Eric

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

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1221. Re: New member

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-28 13:05:53 UTC
From: brownc65742
Topic: 1216 Message: 1221

> Hi Curt,
>
> I went along the same path you are (or may.) I used a
> SW-2 for several years and upgraded to the R-75 and
> never looked back. The R-75 opens up many new
> possibilties.

Hope
> this helps with your decision.
>
> Regard,
> Bob
>
Bob,
Thanks for the first hand comparison of the SW-2 and R-75. You've given me the info I needed to make an informed decision. Look for an SW-2 on Ebay in the near future. BTW how does that Radio Shack/RCA speaker compare to the old Minimus 7's? I've got a pair of those sitting around.
Curt

1222. static problems

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-28 13:46:46 UTC
From: atagrasin
Topic: 1222 Message: 1222

Hi Eric:Try this for your static problems:www.kc7nod.20m.com/static_dis.htm regards Ken

1223. Re: Subject: Shocking blue!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-02-28 18:18:38 UTC
From: Eddie Bryant
Topic: 1223 Message: 1223

>Whenever I touch the Icom (or the scanner) the sparks are flying
> between my fingers and the metalic rigs. And that's not pleasant
> to say the least. I'm sure the cause is a lack of earthing of the rigs.

Earthing your rig would probably not help.

I have the same problem in the dry winter months but only when
walking through my carpeted home with my shoes on. I find if I
walk around in my socks there is no problem with the static
build-up.

As suggested earlier this is a Lack of Humidity Problem and you
could probably solve all of this with a Humidifier of some sort.
Get a small Humidity Gauge and monitor your Humidity level. It
is more than likely below 30%

For now I just walk around in Socks for those problem months.

I can't do that at the supermarket though where simply picking up
a can of soup results in a shock! I hate that.....

Ed
N4UMJ
North Carolina, USA

1224. Re: [icomr75] Re: Subject: Shocking blue!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-01 01:56:55 UTC
From: Dave
Topic: 1223 Message: 1224

There are other benefits to humidifying, besides the sparks. It's good for wood furniture, guitars and human noses; and makes a room seem warmer.
----- Original Message -----
From: Eddie Bryant
To: icomr75@yahoogroups.com
Sent: Thursday, February 28, 2002 18:18
Subject: [icomr75] Re: Subject: Shocking blue!

>Whenever I touch the Icom (or the scanner) the sparks are flying
> between my fingers and the metalic rigs. And that's not pleasant
> to say the least. I'm sure the cause is a lack of earthing of the rigs.

Earthing your rig would probably not help.

I have the same problem in the dry winter months but only when
walking through my carpeted home with my shoes on. I find if I
walk around in my socks there is no problem with the static
build-up.

As suggested earlier this is a Lack of Humidity Problem and you
could probably solve all of this with a Humidifier of some sort.
Get a small Humidity Gauge and monitor your Humidity level. It
is more than likely below 30%

For now I just walk around in Socks for those problem months.

I can't do that at the supermarket though where simply picking up
a can of soup results in a shock! I hate that.....

Ed
N4UMJ
North Carolina, USA

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[Non-text portions of this message have been removed]

1225. Re: [icomr75] Re: New member

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-01 02:10:42 UTC
From: Bob
Topic: 1216 Message: 1225

--- brownc65742 <brown-c@...> wrote:
> BTW how does that Radio Shack/RCA
> speaker compare to the old Minimus 7's? I've got a
> pair of those sitting around.
> Curt

I'm not familiar with the Minimus line, but here are
the specs for my RC speaker so you can compare it to
the ones you have:
Model RCA PRO-X33AV
Radio Shack catalog #40-5000 (Page 175 of their 2002
catalog.)
3" woofer; 1" tweeter
Black die-cast aluminum case with metal grill (a heavy
speaker for its size and well shielded.)
Catalog price = $39.99; frequently on sale for $19.99.
Being as it is black, it looks real sharp next to the
R-75.

Regards,
Bob

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1226. Re: New member

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-01 08:29:05 UTC
From: brownc65742
Topic: 1216 Message: 1226

>
> I'm not familiar with the Minimus line, but here are
> the specs for my RC speaker so you can compare it to
> the ones you have:
> Model RCA PRO-X33AV
> Radio Shack catalog #40-5000 (Page 175 of their 2002
> catalog.

My Minimus 7 and the RCA seem to be indentical, now all I need is an
R75 to go with it!

1227. Re: [icomr75] Re: New member

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-01 13:18:45 UTC
From: Dave
Topic: 1216 Message: 1227

The Minimus 7 has a 4" woof. I recommend a speaker without a tweeter for HF monitoring; less noise and hiss. My primary speaker is an RCA 10" movie projector speaker from the '30s. It is covered in brown Tolex and has a big red lightning bolt meatball "RCA" logo. I also like old Mocom speakers and the BarJan ProNouncer.
----- Original Message -----
From: brownc65742
To: icomr75@yahoogroups.com
Sent: Friday, March 01, 2002 08:29
Subject: [icomr75] Re: New member

>
> I'm not familiar with the Minimus line, but here are
> the specs for my RC speaker so you can compare it to
> the ones you have:
> Model RCA PRO-X33AV
> Radio Shack catalog #40-5000 (Page 175 of their 2002
> catalog.

My Minimus 7 and the RCA seem to be indentical, now all I need is an R75 to go with it!

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[Non-text portions of this message have been removed]

1228. R75 vs Kenwood R5000?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-02 04:32:32 UTC
From: Timothy Little
Topic: 1228 Message: 1228

Does anyone have any comments regarding the
performance of the Icom r75 vs the Kenwood r5000? I
currently own the kenwood but have been thinking about
moving to the Icom. I have been happy with the unit
but am looking for something a little more portable.
Thanks! Tim

_____
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1229. Software? Filters?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-02 14:56:44 UTC
From: Bob Schoenleber
Topic: 1229 Message: 1229

I'm considering the purchase of an R75 and need some info about software programs available to control the receiver. Freeware if possible. Also, is the cost/benefit positive for the addition of the optional filters? I'm interested in voice only; both broadcast and utility.

Thanks....Bob

1230. Re: [icomr75] Re: New member

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-02 15:31:44 UTC
From: Bob
Topic: 1216 Message: 1230

--- Dave <rickets@...> wrote:
> The Minimus 7 has a 4" woof. I recommend a speaker
> without a tweeter for HF monitoring; less noise and
> hiss.

That may be the case if you listen to hams or utilities or are trying to dig out DX. I am primarily an international broadcast program listener and I find a full range speaker sounds better (and is less fatiguing) over long listening periods. Obviously, a full range speaker is going to sound better for music programs too. I do have an old Heathkit 'voice optimized' communications speaker I sometimes plug in if I am just going to listen to utilities. I also use a voice optimized speaker on my scanner.

Regards,
Bob

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========================

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1231. Re: [icomr75] Re: New member

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-02 15:42:36 UTC
From: Dave
Topic: 1216 Message: 1231

If that's the case, I strongly recommend the Cambridge Soundworks PC Works sat/sub system. They are being closed out, frequently for less than $20. They'll make your radio sound like a Blaupunkt console.

BTW, a rigid cone, alnico 5 10" speaker like the old Jensens have usable response to as high as 8 kHz; I doubt there's much on HF that goes that high.

http://www.hifi.com/store/category.cgi?category=mul_speakers&item=c1pcwxxxx

----- Original Message -----
From: Bob
To: icomr75@yahoogroups.com
Sent: Saturday, March 02, 2002 15:31
Subject: Re: [icomr75] Re: New member

--- Dave <rickets@...> wrote:
> The Minimus 7 has a 4" woof. I recommend a speaker
> without a tweeter for HF monitoring; less noise and
> hiss.

That may be the case if you listen to hams or utilities or are trying to dig out DX. I am primarily an international broadcast program listener and I find a full range speaker sounds better (and is less fatiguing) over long listening periods. Obviously, a full range speaker is going to sound better for music programs too. I do have an old Heathkit 'voice optimized' communications speaker I sometimes plug in if I am just going to listen to utilities. I also use a voice optimized speaker on my scanner.

Regards,
Bob

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[Non-text portions of this message have been removed]

1232. Re: Software? Filters?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-02 18:07:08 UTC
From: just_rtfm
Topic: 1229 Message: 1232

hi Bob:

1 - check out Mark Fine's $60 program 'Smart Icom Control':
http://www.fineware-swl.com/sic.html

2 - you may want to wait till you use the R-75 before deciding on a filter. if you're a big broadcast listener (/want fidelity) you may wish to consider Kiwa's mods or a 3.3 kHz ECSS filter. from what i have read most have been very pleased with Kiwa's AGC/Synch and 3.8 kHz filter upgrades.
http://www.kiwa.com/R75.html

3 - the R-75 is excellent for utility/amateur; the dual PBT allows the SSB bandwidth to be changed from ~1.0 to 2.4 kHz.

phil :)

1233. Re: [icomr75] Digest Number 316

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-02 22:17:21 UTC
From: Mark Harper
Topic: 1233 Message: 1233

>
> --
>
> There is 1 message in this issue.
>
> Topics in this digest:
>
> 1. R75 vs Kenwood R5000?
> From: Timothy Little <timn1xwr@yahoo.com>
>
>
> --
> --
>
> Message: 1
> Date: Fri, 1 Mar 2002 20:32:32 -0800 (PST)
> From: Timothy Little <timn1xwr@...>
> Subject: R75 vs Kenwood R5000?
>
> Does anyone have any comments regarding the
> performance of the Icom r75 vs the Kenwood r5000? I
> currently own the kenwood but have been thinking about
> moving to the Icom. I have been happy with the unit
> but am looking for something a little more portable.
> Thanks! Tim

Hi Tim,

would be hard to say, in some sense I would think they'd be on par - build quality on both is excellent (i had the R-2000 - and it was solid) and feature wise.....in terms of technology I'd like to think the 75 is more advanced, better filtering etc - however, please don't quote me on any of it - I have a relative who has both, and all i ever got out out of him is that they were "both pretty good" - hes got the 75 with DSP !! - so its just a little personal opinion...

One thing that drew me to the 75 (and caused me to decide to part with my 2000+VHF) was its simplicity - under the menus, is one heck of an RX, learn how to work it and its a great set - for data modes, its brilliant....its expandable....extra filters, control software etc....and its stability is great - compared to a 2000!

Bad things.....the handle and the feet are extra - at least in the UK....why do Icom want money for the little things like this ??? this should be in the box.....

however - thats a minor point....

The obvious one is this - take your R-5000 to a dealer and get the 2 receivers on the bench, same ant, and switch - Personally I think you'd be very hard pushed to decide.....

Mark

1234. (no subject)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-02 23:16:25 UTC
From: Timothy Little
Topic: 1234 Message: 1234

Thanks Mark... it is a tough choice. I probably will
end up having to sit them right next to each other
before I can make the big decision!!! Tim

_____
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1235. Re: [icomr75] R75 vs Kenwood R5000?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-03 12:24:20 UTC
From: jimvaljef@aol.com
Topic: 1228 Message: 1235

Ken, I have owned an R5000 since 1990 and used to enjoy using it for my main DX radio. In July 2000 I bought an R75 with the DSP unit. Since then the R5000 hardly gets any use. The R75 (in my opinion) digs out signal that the R5000 can't and the audio in USB/SSB is better on the R75. I find the agc on the R5000 to be a real pain also. I primarily DX the BCB and really like the R75. Jim

[Non-text portions of this message have been removed]

1236. Noiseblanker on/off

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-03 12:21:16 UTC
From: E de Jong
Topic: 1236 Message: 1236

Hi!

I wonder if other R-75's also have this problem:

When the noiseblanker is off, occasionaly some cracks and pops are heard that mostly result in a strong decrease of audio. So I switch on the noiseblanker, hoping the cracks will disappear. They do, but another sound is heard. It's a more constant crackling, not so loud as the pops and cracks without the NB, but they do disturbe the clean signal.

Is this normal?

Ed de Jong
Balk. The Netherlands
URL: http://beam.to/galact
E-mail: ed@... <mailto:ed@...> (default)
_____
{The night hides a world but unveils a universe}

[Non-text portions of this message have been removed]

1237. Re: [icomr75] Re: Software? Filters?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-03 14:15:28 UTC
From: Bob
Topic: 1229 Message: 1237

--- just_rtfm <just_rtfm@...> wrote:
>
> 3 - the R-75 is excellent for utility/amateur; the
> dual PBT allows
> the SSB bandwidth to be changed from ~1.0 to 2.4
> kHz.

Phil,
I hope I am not repeating something already covered in this group, but could you explain the proper operation of the PBT controls for varying the bandwidth as you noted? Does this eliminate the need for buying a narrow SSB filter? Thanks.

Regards,
Bob

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1238. Re: [icomr75] Noiseblanker on/off

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-03 16:02:09 UTC
From: Tim and Nancy Logan
Topic: 1236 Message: 1238

Ed - I don't hear this on my R75, but I would wait until you receive more responses from others on the reflector before coming to any conclusions. Have you double checked for anything within your radio room that might be causing some problems? Light dimmers, Florescent bulbs, etc? Hope you solve it. 73/Tim Logan KB7OEX in Gilbert, AZ

E de Jong wrote:
>
> Hi!
>
> I wonder if other R-75's also have this problem:
>
> When the noiseblanker is off, occasionaly some cracks and pops are heard that mostly result in a strong decrease of audio. So I switch on the noiseblanker, hoping the cracks will disappear. They do, but another sound is heard. It's a more constant crackling, not so loud as the pops and cracks without the NB, but they do disturbe the clean signal.
>
> Is this normal?
>
> Ed de Jong
> Balk. The Netherlands
> URL: http://beam.to/galact
> E-mail: ed@... <mailto:ed@...> (default)
> _____
> {The night hides a world but unveils a universe}
>
> [Non-text portions of this message have been removed]
>
>
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1239. Re: [icomr75] Noiseblanker on/off

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-03 16:17:02 UTC
From: Dave
Topic: 1236 Message: 1239

The first phenomenom is your AGC reacting (correctly) to the burst (crack) of noise. If you put your AGC on a FAST recovery time, this effect will be minimized.

A noise blanker only works on the parts of impulses that are stronger than what you are trying to hear. The noise below the NB threshold (i.e. the loudest part of the "program" you are trying to hear) will not be affected by the NB. The DSP Noise Filter will help with the continuous low level buzzes.
----- Original Message -----
From: E de Jong
To: Icom IC-R75
Sent: Sunday, March 03, 2002 12:21
Subject: [icomr75] Noiseblanker on/off

Hi!

I wonder if other R-75's also have this problem:

When the noiseblanker is off, occasionaly some cracks and pops are heard that mostly result in a strong decrease of audio. So I switch on the noiseblanker, hoping the cracks will disappear. They do, but another sound is heard. It's a more constant crackling, not so loud as the pops and cracks without the NB, but they do disturbe the clean signal.

Is this normal?

Ed de Jong
Balk. The Netherlands
URL: http://beam.to/galact
E-mail: ed@... <mailto:ed@...> (default)
_____
{The night hides a world but unveils a universe}

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

1240. Re: [icomr75] Noiseblanker on/off

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-03 20:18:59 UTC
From: Gert Nilsson
Topic: 1236 Message: 1240

This is "normal" if you have listen to a strong signal or their are strong stations within +/- aproximately 10 kHz. Mentioned as "distorsion" in the manual.
----- Original Message -----
From: E de Jong
To: Icom IC-R75
Sent: Sunday, March 03, 2002 12:21 PM
Subject: [icomr75] Noiseblanker on/off

Hi!

I wonder if other R-75's also have this problem:

When the noiseblanker is off, occasionaly some cracks and pops are heard that mostly result in a strong decrease of audio. So I switch on the noiseblanker, hoping the cracks will disappear. They do, but another sound is heard. It's a more constant crackling, not so loud as the pops and cracks without the NB, but they do disturbe the clean signal.

Is this normal?

Ed de Jong
Balk. The Netherlands
URL: http://beam.to/galact
E-mail: ed@... <mailto:ed@...> (default)
_____
{The night hides a world but unveils a universe}

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[Non-text portions of this message have been removed]

1241. filters for data reception

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-03 21:23:52 UTC
From: martin butcher
Topic: 1241 Message: 1241

I use my radio for allot of utility monitoring and was wondering about which filter for cw/rtty.As I see it the signal goes through the 9mhz then 455khz if filters,if I were to put a 250hz filter in the 9mhz if stage and used the 2.4khz in the 455 if stage the bandwidth will be 250hz as this is the smallest filter in thesignal path.Would there be much of an advantage of using a 500hz filter in the 9mhz stage then a 250 hz in the 455khz stage,or would the result be the same.

[Non-text portions of this message have been removed]

1242. Re: [icomr75] filters for data reception

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-03 21:42:34 UTC
From: Steve Ratzlaff
Topic: 1241 Message: 1242

Hi Martin,
I use my R75 in much the same way, but mainly for LF listening with narrow filters selected. I have the 250Hz filter for both 9MHz and 455kHz positions. If I had to do it again, I'd probably just buy the (cheaper) 9MHz 250Hz filter, as adding the final filter helps some but not a large amount. The main improvement is sharpening the skirts and allowing tuning a faint sigal closer to a strong one (NDB, in my case).
Steve

martin butcher wrote:
>
> I use my radio for allot of utility monitoring and was wondering about
> which filter for cw/rtty.As I see it the signal goes through the 9mhz
> then 455khz if filters,if I were to put a 250hz filter in the 9mhz if
> stage and used the 2.4khz in the 455 if stage the bandwidth will be
> 250hz as this is the smallest filter in thesignal path.Would there be
> much of an advantage of using a 500hz filter in the 9mhz stage then a
> 250 hz in the 455khz stage,or would the result be the same.
>
> [Non-text portions of this message have been removed]
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1243. Re: filters for data reception

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-04 00:21:11 UTC
From: gricer37
Topic: 1241 Message: 1243

Thanks for the info steve i also do ndb's hense the reason for a narrower filter.I think i will go with the 500/250 in the 9mhz stage as most of the software i use is pretty good at decoding signals anyway.
--- In icomr75@y..., Steve Ratzlaff <sratzlaf@f...> wrote:
> Hi Martin,
> I use my R75 in much the same way, but mainly for LF listening with
> narrow filters selected. I have the 250Hz filter for both 9MHz and
> 455kHz positions. If I had to do it again, I'd probably just buy the
> (cheaper) 9MHz 250Hz filter, as adding the final filter helps some but
> not a large amount. The main improvement is sharpening the skirts and
> allowing tuning a faint sigal closer to a strong one (NDB, in my case).
> Steve
>
> martin butcher wrote:
> >
> > I use my radio for allot of utility monitoring and was wondering about
> > which filter for cw/rtty.As I see it the signal goes through the 9mhz
> > then 455khz if filters,if I were to put a 250hz filter in the 9mhz if
> > stage and used the 2.4khz in the 455 if stage the bandwidth will be
> > 250hz as this is the smallest filter in thesignal path.Would there be
> > much of an advantage of using a 500hz filter in the 9mhz stage then a
> > 250 hz in the 455khz stage,or would the result be the same.
> >
> > [Non-text portions of this message have been removed]
> >
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> >
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1244. Re: Software? Filters?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-04 00:22:38 UTC
From: just_rtfm
Topic: 1229 Message: 1244

hi Bob!

to narrow the bandwidth all you have to do is turn the PBT's away from each other (or in opposite directions). for example: when i listen to hams i often turn the outer knob (9 MHz IF) to the left one white notch and/or the inner knob (455 kHz IF) to the right one notch. by fooling with the amount you turn each you can also alter the tone... more base/treble, till it's pleasant.

although this may not eliminate everyone's need for buying a narrow SSB filter, fooling with these is really all that i will ever need for phone (voice) dxing. i think i've gone through every scenario in my mind about these filter choices. what i have come to realize for me is that the stock R-75 is quite good. some random thoughts...

a) 1.8/1.9 kHz - can be simulated via above method
b) 3.3 kHz - one route for fidelity on AM using ECSS
c) 2.8 - pretty close to stock
d) 250/350/500 Hz - try using software filters first
Usage: plug the audio out line into your sound card's input

i decode CW, BPSK, and RTTY via software and here wider is better (i use dual 2.4 kHz) because more can be seen on the software's bandscope at one time. amateur/utility on the R-75 is EXCELLENT! AM is decent... i plan to get kiwa's $45 synch/AGC enhancement. more questions? fire away :D

phil :)

1245. Re: R75 vs Kenwood R5000?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-04 00:24:01 UTC
From: timn1xwr
Topic: 1228 Message: 1245

Thanks, Jim. While I listen to some SSB, I use my r5000 for a good amount of broadcast AM DXing. Do you find that the Icom is as sensitive on AM as it is for SSB? Thanks!

1246. Buying a radio?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-04 00:27:09 UTC
From: Art Burke
Topic: 1241 Message: 1246

Hi to all:

I've been monitoring the list, but do not have the r75 as of yet.
If I am not going to use it with a PC, is it worth the extra money over
let's say an ICF 2010 or a Sangean 909?
Speaking of sensitivity, durability, and overall manufacturing quality..

Thanks for the help,

Art

[Non-text portions of this message have been removed]

1247. Re: Buying a radio?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-04 02:10:34 UTC
From: just_rtfm
Topic: 1241 Message: 1247

hi Art:

how will you use your new radio? SWLing? DXing? ham/utilities? the R-75 is extremely sensitive... 0.16 uV on SSB with the weaker +10 dB pre-amp (it also has a +20 dB pre-amp). the 2010 is ~0.49 uV by comparison. the performance of a tabletop, especially one as nice as the R-75 for dxing, is in a league above that of a portable. durability: the R-75 is built very well; the other two are junk by comparison. if you have the money get an R-75, you will not be disappointed... and if you're really into SWLing consider kiwa's mods. i have a sangean portable... haven't touched it since i got my R-75... it'll be on ebay soon enough.

phil :)

1248. Re: [icomr75] Re: Software? Filters?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-04 02:46:20 UTC
From: samson saltoon
Topic: 1229 Message: 1248

could any one tell me what does ECSS mean and how to use it.

thank you
samson

>From: "just_rtfm" <just_rtfm@...>
>Reply-To: icomr75@yahoogroups.com
>To: icomr75@yahoogroups.com
>Subject: [icomr75] Re: Software? Filters?
>Date: Mon, 04 Mar 2002 00:22:38 -0000
>
>hi Bob!
>
>to narrow the bandwidth all you have to do is turn the PBT's away
>from each other (or in opposite directions). for example: when i
>listen to hams i often turn the outer knob (9 MHz IF) to the left one
>white notch and/or the inner knob (455 kHz IF) to the right one
>notch. by fooling with the amount you turn each you can also alter
>the tone... more base/treble, till it's pleasant.
>
>although this may not eliminate everyone's need for buying a narrow
>SSB filter, fooling with these is really all that i will ever need
>for phone (voice) dxing. i think i've gone through every scenario in
>my mind about these filter choices. what i have come to realize for
>me is that the stock R-75 is quite good. some random thoughts...
>
>a) 1.8/1.9 kHz - can be simulated via above method
>b) 3.3 kHz - one route for fidelity on AM using ECSS
>c) 2.8 - pretty close to stock
>d) 250/350/500 Hz - try using software filters first
>Usage: plug the audio out line into your sound card's input
>
>i decode CW, BPSK, and RTTY via software and here wider is better (i
>use dual 2.4 kHz) because more can be seen on the software's
>bandscope at one time. amateur/utility on the R-75 is EXCELLENT! AM
>is decent... i plan to get kiwa's $45 synch/AGC enhancement. more
>questions? fire away :D
>
>phil :)
>
>

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1249. Re: [icomr75] Re: Software? Filters?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-04 14:35:15 UTC
From: Dave
Topic: 1229 Message: 1249

Tuning an AM signal as though it is an SSB signal. You want to "zero beat" the carrier (i.e. tune slowly 'til the whine turns to a hum which then goes away). Then I like to adjust the passband slightly away from the carrier to reduce the modulating effects (gargling sound). In the old days, the R390A was really good for this 'cause you could work the passband against the mech filters with the KC knob and zero beat with the BFO.
----- Original Message -----
From: samson saltoon
To: icomr75@yahoogroups.com
Sent: Monday, March 04, 2002 02:46
Subject: Re: [icomr75] Re: Software? Filters?

could any one tell me what does ECSS mean and how to use it.

thank you
samson

>From: "just_rtfm" <just_rtfm@...>
>Reply-To: icomr75@yahoogroups.com
>To: icomr75@yahoogroups.com
>Subject: [icomr75] Re: Software? Filters?
>Date: Mon, 04 Mar 2002 00:22:38 -0000
>
>hi Bob!
>
>to narrow the bandwidth all you have to do is turn the PBT's away
>from each other (or in opposite directions). for example: when i
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>white notch and/or the inner knob (455 kHz IF) to the right one
>notch. by fooling with the amount you turn each you can also alter
>the tone... more base/treble, till it's pleasant.
>
>although this may not eliminate everyone's need for buying a narrow
>SSB filter, fooling with these is really all that i will ever need
>for phone (voice) dxing. i think i've gone through every scenario in
>my mind about these filter choices. what i have come to realize for
>me is that the stock R-75 is quite good. some random thoughts...
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>a) 1.8/1.9 kHz - can be simulated via above method
>b) 3.3 kHz - one route for fidelity on AM using ECSS
>c) 2.8 - pretty close to stock
>d) 250/350/500 Hz - try using software filters first
>Usage: plug the audio out line into your sound card's input
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>i decode CW, BPSK, and RTTY via software and here wider is better (i
>use dual 2.4 kHz) because more can be seen on the software's
>bandscope at one time. amateur/utility on the R-75 is EXCELLENT! AM

>is decent... i plan to get kiwa's $45 synch/AGC enhancement. more
>questions? fire away :D
>
>phil :)
>
>

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[Non-text portions of this message have been removed]

1250. Re: Software? Filters?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-05 16:14:04 UTC
From: njlar
Topic: 1229 Message: 1250

Exalted Carrier Selective (or Single) Sideband. The other benefit of
this mode of receiving AM is that you can switch between LSB and USB
to get the least interference.

--- In icomr75@y..., "samson saltoon" <samsons51@h...> wrote:
> could any one tell me what does ECSS mean and how to use it.
>
> thank you
> samson
>
>
> >From: "just_rtfm" <just_rtfm@y...>
> >Reply-To: icomr75@y...
> >To: icomr75@y...
> >Subject: [icomr75] Re: Software? Filters?
> >Date: Mon, 04 Mar 2002 00:22:38 -0000
> >
> >hi Bob!
> >
> >to narrow the bandwidth all you have to do is turn the PBT's away
> >from each other (or in opposite directions). for example: when i
> >listen to hams i often turn the outer knob (9 MHz IF) to the left
one
> >white notch and/or the inner knob (455 kHz IF) to the right one
> >notch. by fooling with the amount you turn each you can also alter
> >the tone... more base/treble, till it's pleasant.
> >
> >although this may not eliminate everyone's need for buying a narrow
> >SSB filter, fooling with these is really all that i will ever need
> >for phone (voice) dxing. i think i've gone through every scenario
in
> >my mind about these filter choices. what i have come to realize for
> >me is that the stock R-75 is quite good. some random thoughts...
> >
> >a) 1.8/1.9 kHz - can be simulated via above method
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> >d) 250/350/500 Hz - try using software filters first
> >Usage: plug the audio out line into your sound card's input
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> >i decode CW, BPSK, and RTTY via software and here wider is better
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> >use dual 2.4 kHz) because more can be seen on the software's
> >bandscope at one time. amateur/utility on the R-75 is EXCELLENT! AM
> >is decent... i plan to get kiwa's $45 synch/AGC enhancement. more

> >questions? fire away :D
> >
> >phil :)
> >
> >
>
>
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1251. Re: Shocking blue!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-06 01:32:32 UTC
From: dewayne48
Topic: 1217 Message: 1251

--- In icomr75@y..., "E de Jong" <ed@j...> wrote:
> In my shag I move around a lot. Two keyboards to operate, a
scanner, the Icom, etc. So while I'm swirling around on my chair (one
with wheels) I seem to pick up much static current. Whenever I touch
the Icom (or the scanner) the sparks are flying between my fingers
and the metalic rigs. And that's not pleasant to say the least. I'm
sure the cause is a lack of earthing of the rigs.

You might try mixing a little fabric softener and water in a spray
bottle, and lightly spraying your carpet regularly.
DeWayne KE9K

>
> Sometimes when I only briefly touch the dialingknob, not dialing
it, the frequency skips a few Hz's.
>
> 1. Can this be damaging for the Icom?
>
> 2. Except for slamming some earthingrod in the garden, can I do
something about this annoying sparks?
>
> Maybe touching the radiator of the central heating before touching
the Icom... :-)
>
> Thnx a lot...
>
> Ed de Jong
> Balk. The Netherlands
> URL: http://beam.to/galact
> E-mail: ed@j... <mailto:ed@j...> (default)
> _____
> {The night hides a world but unveils a universe}
>
>
>
> [Non-text portions of this message have been removed]

1252. Re: [icomr75] Re: Software? Filters?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-04 19:05:53 UTC
From: Bob
Topic: 1229 Message: 1252

--- just_rtfm <just_rtfm@...> wrote:
> hi Bob!
>
> to narrow the bandwidth all you have to do is turn
> the PBT's away
> from each other (or in opposite directions)...

Thanks Phil I will give this a try. I agree that the stock filters do a good job. They work well for 95% of my listening habits. With the price of the optional filters, I am not anxious to spend the money unless the return is reasonable enough.

Regards,
Bob

=====
==========
Listening to the world
from suburban
Philadelphia, PA USA
==========

Do You Yahoo!?
Yahoo! Sports - sign up for Fantasy Baseball
http://sports.yahoo.com

1253. Re: Shocking blue!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-06 16:11:28 UTC
From: rsakabu
Topic: 1217 Message: 1253

> You might try mixing a little fabric softener and water in a spray
> bottle, and lightly spraying your carpet regularly.
> DeWayne KE9K

I'll attest to the fabric softener trick. I had a little playset for my kids that built horrible static electricity when they slid down the plastic slide. So much so that their hair would be standing on end while going down (funny to watch, but a annoying to them if they touched anything). A couple of wipes with a fabric softener sheet (Bounce brand) and the static problem was gone.

Roy

1254. Re: [icomr75] Re: Shocking blue!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-06 16:49:00 UTC
From: Dave
Topic: 1217 Message: 1254

I try to keep strange chemicals out of my environment, as much as possible, especially aerosols.

Sears is having a sale on their big humidifiers (Kenmore-actually Emerson) this week.
----- Original Message -----
From: rsakabu
To: icomr75@yahoogroups.com
Sent: Wednesday, March 06, 2002 16:11
Subject: [icomr75] Re: Shocking blue!

> You might try mixing a little fabric softener and water in a spray
> bottle, and lightly spraying your carpet regularly.
> DeWayne KE9K

I'll attest to the fabric softener trick. I had a little playset for my kids that built horrible static electricity when they slid down the plastic slide. So much so that their hair would be standing on end while going down (funny to watch, but a annoying to them if they touched anything). A couple of wipes with a fabric softener sheet (Bounce brand) and the static problem was gone.

Roy

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1255. Where to purchase?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-06 16:03:33 UTC
From: Art Burke
Topic: 1229 Message: 1255

Can anyone recommend a place to purchase the ic r75?

Thanks,

Art

[Non-text portions of this message have been removed]

1256. Re: [icomr75] Where to purchase?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-07 06:24:03 UTC
From: Alan Johnson
Topic: 1229 Message: 1256

I'm personally biased towards Universal Radio due to the out standing service they've given me over the years. Probably the lowest price is available at kjielectronics.com. I have no personal experience with them, but have seen good reports from others.

73,
Alan Johnson

----- Original Message -----From: Art Burke
To: icomr75@yahoogroups.com
Sent: Wednesday, March 06, 2002 8:03 AM
Subject: [icomr75] Where to purchase?

Can anyone recommend a place to purchase the ic r75?

Thanks,

Art

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[Non-text portions of this message have been removed]

1257. Re[2]: [icomr75] Where to purchase?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-07 13:29:56 UTC
From: Marv
Topic: 1229 Message: 1257

Hello Alan,
"Probably the lowest price is available at kji electronics.com. I have no personal experience with them, but have seen good reports from others."

I bought mine from Gene at KJI and am totally pleased with the sales and service that he provides.
Marv

1258. Re: [icomr75] Where to purchase?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-07 13:42:40 UTC
From: Tim and Nancy Logan
Topic: 1229 Message: 1258

Art - I do not know if it's of interest to you, but I would not mind selling my R75 which I got a few months ago. I had the KIWA ELectronics mods done and have two filters in it. I just don't use it enough. Filters are an Icom 2.8 and an Inrad 1.6. Total dollars into it is arpund $950. I would sell it for $750 including shipping if your in the CONUS area. I'm not trying to be pushy, so please forgive....just thought I would check. Thank you.

73/KB7OEX Tim Logan in Gilbert, AZ

Art Burke wrote:
>
> Can anyone recommend a place to purchase the ic r75?
>
> Thanks,
>
> Art
>
> [Non-text portions of this message have been removed]
>
>
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1259. How Much For A 'Good' R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-07 14:37:19 UTC
From: dewayne48
Topic: 1259 Message: 1259

So how much do I have to spend to buy an R75 with GOOD AM audio, mods included?
DeWayne KE9K

1260. Re: [icomr75] Where to purchase?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-07 15:20:01 UTC
From: Dave
Topic: 1229 Message: 1260

Got mine at Ham Radio Outlet in Burbank. $475. One day fax coupon sale deal I just stumbled into.
----- Original Message -----
From: Art Burke
To: icomr75@yahoogroups.com
Sent: Wednesday, March 06, 2002 16:03
Subject: [icomr75] Where to purchase?

Can anyone recommend a place to purchase the ic r75?

Thanks,

Art

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

1262. 2.1 mod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-07 15:55:16 UTC
From: uncle_ziba
Topic: 1262 Message: 1262

Does anyone have an .mp3 that shows the effect of the 2.1 SAM mod?
I'm thinking about doing it this weekend. Best regards,

--
Vasiliy

1264. Re: [icomr75] How Much For A 'Good' R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-07 17:40:40 UTC
From: Bruce Jensen
Topic: 1259 Message: 1264

--- dewayne48 <ke9k@...> wrote:
> So how much do I have to spend to buy an R75 with
> GOOD AM audio, mods included?
> DeWayne KE9K

I paid $520 used for mine awhile ago; recently, I had the *complete* Kiwa mods installed for $170 plus about $22 shipping (both ways). The total is slightly over $700; the result is a first-rate radio. The AGC/Synch mod is the most critical one, IMO, and makes a huge difference, although I really like the new 3.8 kHz filter (which I now use as my normal filtering mode). I have no way to gauge how much improvement in audio you get from the audio mods; I would have to hear two radios side-by-side to tell...so I don't think the difference is big. I never thought the audio was bad with headphones or a $20 speaker anyway.

Bruce Jensen

_____
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1265. Re: Where to purchase?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-07 22:34:53 UTC
From: just_rtfm
Topic: 1229 Message: 1265

hi Art:

i bought my R-75 from KJI: good service and great prices. you will talk with the owner Gene who is a ham, an electrical engineer, and authorized ICOM dealer. he's been around 20+ years and services what he sells... give him a call for latest prices.
http://members.aol.com/k2kji/home.html

phil :)

1266. noise

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-08 10:38:57 UTC
From: martin butcher
Topic: 1266 Message: 1266

I am using an icom r-75 connected to a wellbrook loop using rg 58 cu 50ohm cable.where I live is very noisy I was wondering if any one could recommend a product for cutting the noise threshold down to an acceptable level,would the dsp filter work as I would have to buy one as icom uk don't do the free offer:-(.

[Non-text portions of this message have been removed]

1267. Re: Where to purchase?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-08 17:48:34 UTC
From: Eddie Bryant
Topic: 1229 Message: 1267

I have used AES, GROVE and HRO and
always seem to come back to HRO.

HRO's 10 day return and exchange for new
if the originally purchased unit is bad always
gave me peace of mind even though I never
had to use it.

Once I had a ICOM HT fail after the 10 days
and Atlanta HRO promptly repaired and
returned my unit under warranty at no charge
and it was like new.

HRO's restocking fee is 15% where KJI is
20% if you dislike the radio completely.

I found this not at KJI's website:

"Please note: We are closed from February 7
to February 23, 2001."

This appears to be a very small operation which
is not necessarily something bad but it does have
it limitations as shown.

Hopefully you did'nt need support from them
during that time.

Personally, I wanted to buy an R75 from KJI but
emails to them were never returned. This was for
an R75 he had up for auction on e-bay. I also
contacted HRO through the same e-mail means
and was able to make my purchase at a price I
was happy with.

So look at the little things as well as the price
when shopping around.

Ed

1268. Re: [icomr75] Re: Where to purchase?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-08 17:55:20 UTC
From: DeWayne
Topic: 1229 Message: 1268

Grove has a 15 day return policy. HRO should have made an exchange not a repair, IMO!
DeWayne KE9K

I have used AES, GROVE and HRO and
always seem to come back to HRO.

HRO's 10 day return and exchange for new
if the originally purchased unit is bad always
gave me peace of mind even though I never
had to use it.

Once I had a ICOM HT fail after the 10 days
and Atlanta HRO promptly repaired and
returned my unit under warranty at no charge
and it was like new.

HRO's restocking fee is 15% where KJI is
20% if you dislike the radio completely.

I found this not at KJI's website:

"Please note: We are closed from February 7
to February 23, 2001."

This appears to be a very small operation which
is not necessarily something bad but it does have
it limitations as shown.

Hopefully you did'nt need support from them
during that time.

Personally, I wanted to buy an R75 from KJI but
emails to them were never returned. This was for
an R75 he had up for auction on e-bay. I also
contacted HRO through the same e-mail means
and was able to make my purchase at a price I
was happy with.

So look at the little things as well as the price
when shopping around.

Ed

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[Non-text portions of this message have been removed]

1269. Re: [icomr75] noise

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-08 20:26:54 UTC
From: Al Smithson
Topic: 1266 Message: 1269

I own an R-75 and the DSP noise reduction is dramatic for general and thermal noise. The Noise blanker works ok for pulse noise but I find the automatic noise filter barely effective on notch rejection. Over, all the combination of the three above features with the passband tuning is extremely effective and is the best I have seen in this price range in the 30 years of listening. It (the combination) can truly turn a marginal signal to very readable or an unusable signal to readable. I just acquired an MFJ noise canceller (phasing unit), but I haven't had enough time to evaluate its effectiveness. Preliminary results appear to be good and I am optimistic it will yield great results.

Hope this helps.
Regards,
Al
----- Original Message -----
From: martin butcher
To: icomr75@yahoogroups.com
Sent: Friday, March 08, 2002 4:38 AM
Subject: [icomr75] noise

I am using an icom r-75 connected to a wellbrook loop using rg 58 cu 50ohm cable.where I live is very noisy I was wondering if any one could recommend a product for cutting the noise threshold down to an acceptable level,would the dsp filter work as I would have to buy one as icom uk don't do the free offer:-(.

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

1270. re:noise

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-08 21:10:55 UTC
From: martin butcher
Topic: 1266 Message: 1270

Thanks for the reply Al.I use the radio mainly for decoding digital signals,would a smaller filter be advantageous i.e.:-500hz cw,or will the dsp clean up the signal to an acceptable level.

[Non-text portions of this message have been removed]

1271. R-75 used for transceive operation?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-08 21:51:59 UTC
From: maritimus49
Topic: 1271 Message: 1271

Hello Everyone -
I am trying to find out if the R-75 can be used in a transceive setup with a transmitter? I have the Drake T-4XB which was ised with a companion receiver in transceive mode with the appropriate cables. In other words does the mute jack on the back respond to the same kind of grounding that is usually offered by a muting cable from the transmitter or is it different? The manual goes into this discussion of "C-IV" transceivers but I can't be sure if it would work the right way with my old boatanchor. Just curious.

73,
Bruce

1272. Re: Where to purchase?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-08 22:51:06 UTC
From: Sean Smith
Topic: 1229 Message: 1272

I bought mine from Gigaparts. They beat the lowest price I could find including dealers listed in this string. I e-mailed them with the price and web address and George replied with a better price. I have purchased other equipment from them and received excellent service everytime.

Good luck.

Sean KG6GIY

> > Date: Wed, 6 Mar 2002 11:03:33 -0500
> From: "Art Burke" <pianomanab@...>
> Subject: Where to purchase?
>
> Can anyone recommend a place to purchase the ic r75?
>
>
> Thanks,
>
>
> Art
>
>

_____
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1273. Re: Where to purchase?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-09 12:06:55 UTC
From: dewayne48
Topic: 1229 Message: 1273

--- In icomr75@y..., Sean Smith <handheld45@y...> wrote:
> I bought mine from Gigaparts. They beat the lowest
> price I could find including dealers listed in this
> string. I e-mailed them with the price and web
> address and George replied with a better price. I have
> purchased other equipment from them and received
> excellent service everytime.

I just checked their web site. $500 shipped for the R75! Best price
I've seen by far!
DeWayne KE9K

>
> Good luck.
>
> Sean KG6GIY
>
> > > Date: Wed, 6 Mar 2002 11:03:33 -0500
> > From: "Art Burke" <pianomanab@s...>
> > Subject: Where to purchase?
> >
> > Can anyone recommend a place to purchase the ic r75?
> >
> >
> > Thanks,
> >
> >
> > Art
> >
> >
>
>
> _____
> Do You Yahoo!?
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1274. Re: [icomr75] Re: Where to purchase?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-09 15:27:55 UTC
From: Dave
Topic: 1229 Message: 1274

I feel it's my resposibility to help the hobby stay alive. I always do business with fellow hobbyists, even if it means paying a few bucks more.

I go to HRO, because I can smell the equipment and look 'em in the eye. If I mail-order, it's Grove or Fred.
----- Original Message -----
From: dewayne48
To: icomr75@yahoogroups.com
Sent: Saturday, March 09, 2002 12:06
Subject: [icomr75] Re: Where to purchase?

--- In icomr75@y..., Sean Smith <handheld45@y...> wrote:
> I bought mine from Gigaparts. They beat the lowest
> price I could find including dealers listed in this
> string. I e-mailed them with the price and web
> address and George replied with a better price. I have
> purchased other equipment from them and received
> excellent service everytime.

I just checked their web site. $500 shipped for the R75! Best price I've seen by far!
DeWayne KE9K

>
> Good luck.
>
> Sean KG6GIY
>
> > > Date: Wed, 6 Mar 2002 11:03:33 -0500
> > From: "Art Burke" <pianomanab@s...>
> > Subject: Where to purchase?
> >
> > Can anyone recommend a place to purchase the ic r75?
> >
> >
> > Thanks,
> >
> >
> > Art
> >
> >
>
>
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[Non-text portions of this message have been removed]

1275. Re: [icomr75] re:noise

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-09 15:31:10 UTC
From: Dave
Topic: 1266 Message: 1275

Something like the ANC-4 works surprisingly well.

http://www.grove-ent.com/ANC4.html
----- Original Message -----
From: martin butcher
To: icomr75@yahoogroups.com
Sent: Friday, March 08, 2002 21:10
Subject: [icomr75] re:noise

Thanks for the reply Al.I use the radio mainly for decoding digital signals,would a smaller filter be advantageous i.e.:-500hz cw,or will the dsp clean up the signal to an acceptable level.

[Non-text portions of this message have been removed]

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1276. Re: Where to buy a radio?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-09 15:53:02 UTC
From: Eddie Bryant
Topic: 1276 Message: 1276

>Grove has a 15 day return policy.
>HRO should have made an exchange not a repair, IMO!
>DeWayne KE9K

The radio (not an R75) was over a month old(beyond the
10 day replacement period) therefore repair but no
exchange.

That's was my distintion here that usually something is
going to fail in the first month or so and you really need
your dealers support at that time. This is the little fine
print that no one is aware of till a problem pops up.

I am pretty sure HRO Atlanta technicians repaired
it because it came back pretty fast. The trip to ICOM's
west coast repair center would have taken much longer.
I was happy with the radio and it lasted over 10 Years
so the repair was long lasting.

Grove has such a liberal return policy that a person I
know of would buy radios from Grove & then try them
out for a week or two and send them back and get a
different one. Sort of a way to personally review radios
without the purchase.

I always wondered what would happen to the opened
box, used radio?

He also was famous for doing this with Office Depot
as well !

Ed
N4UMJ

1277. Re: [icomr75] Re: Where to purchase?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-09 16:32:48 UTC
From: DeWayne
Topic: 1229 Message: 1277

Counting free shipping Gigaparts is nearly $100 cheaper than Grove and Universal.
DeWayne KE9K

I feel it's my resposibility to help the hobby stay alive. I always do business with fellow hobbyists, even if it means paying a few bucks more.

I go to HRO, because I can smell the equipment and look 'em in the eye. If I mail-order, it's Grove or Fred.

--- In icomr75@y..., Sean Smith <handheld45@y...> wrote:
> I bought mine from Gigaparts. They beat the lowest
> price I could find including dealers listed in this
> string. I e-mailed them with the price and web
> address and George replied with a better price. I have
> purchased other equipment from them and received
> excellent service everytime.

I just checked their web site. $500 shipped for the R75! Best price
I've seen by far!
DeWayne KE9K

>
> Good luck.
>
> Sean KG6GIY
>
> > > Date: Wed, 6 Mar 2002 11:03:33 -0500
> > From: "Art Burke" <pianomanab@s...>
> > Subject: Where to purchase?
> >
> > Can anyone recommend a place to purchase the ic r75?
> >
> >
> > Thanks,
> >
> >
> > Art
> >
> >
>
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1278. Re: [icomr75] Re: Where to purchase?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-09 17:17:01 UTC
From: Dave
Topic: 1229 Message: 1278

I got my R75 for $25 less at HRO.

Fred or Bob will approach another advertised price. Call 'em and ask them.

----- Original Message -----
From: DeWayne
To: icomr75@yahoogroups.com
Sent: Saturday, March 09, 2002 16:32
Subject: Re: [icomr75] Re: Where to purchase?

Counting free shipping Gigaparts is nearly $100 cheaper than Grove and Universal.
DeWayne KE9K

I feel it's my resposibility to help the hobby stay alive. I always do business with fellow hobbyists, even if it means paying a few bucks more.

I go to HRO, because I can smell the equipment and look 'em in the eye. If I mail-order, it's Grove or Fred.

--- In icomr75@y..., Sean Smith <handheld45@y...> wrote:
> I bought mine from Gigaparts. They beat the lowest
> price I could find including dealers listed in this
> string. I e-mailed them with the price and web
> address and George replied with a better price. I have
> purchased other equipment from them and received
> excellent service everytime.

I just checked their web site. $500 shipped for the R75! Best price
I've seen by far!
DeWayne KE9K

>
> Good luck.
>
> Sean KG6GIY
>
> > > Date: Wed, 6 Mar 2002 11:03:33 -0500
> > From: "Art Burke" <pianomanab@s...>
> > Subject: Where to purchase?
> >
> > Can anyone recommend a place to purchase the ic r75?
> >
> >
> > Thanks,
> >
> >
> > Art

> >
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1279. Re: Shocking blue!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-09 19:32:12 UTC
From: benarden
Topic: 1217 Message: 1279

All:
IF you are in a place / area that makes for Static Electricity
- Get a CHEAP ground strap, (you can buy one with a P.C repair Kit)
put it on your wrist
& the other end on a WATER pipe / radiator, etc.
THEN
- no more sparks!

--- In icomr75@y..., efricha@d... wrote:
> >
> > In my shag I move around a lot. Two keyboards to operate, a
scanner, the Icom, etc. So while I'm swirling around on my chair (one
with wheels) I seem to pick up much static current. Whenever I touch
the Icom (or the scanner) the sparks are flying between my fingers
and the metalic rigs. And that's not pleasant to say the least. I'm
sure the cause is a lack of earthing of the rigs.
> >
> > Sometimes when I only briefly touch the dialingknob, not dialing
it, the frequency skips a few Hz's.
> >
> > 1. Can this be damaging for the Icom?
>
> Yes. Absolutely.
>
> > 2. Except for slamming some earthingrod in the garden, can I do
something about this annoying sparks?
>
> Grounding the rigs won't help that problem. You are generating
static
> electricity and it would discharge to any metal object. You may
want to
> ground them for other reasons, but that's outside the scope of your
problem.
>
> > Maybe touching the radiator of the central heating before
touching the Icom... :-)
>
> That, indeed would help.
>
> I also create a huge amount of static -- enough to throw inch-long
sparks
> from my fingers. Don't know why but it is probably my choice of
clothing
> and shoes -- and the excessively dry Colorado climate.
>

> To avoid the annoying "pain" from the sparks I often touch things
(like
> door knobs, etc) with a key that I'm holding firmly in my fingers.
This
> spreads out the point where the dissipation occurs for my fingers.
>
> For protecting my equipment I have anti-static mats designed to be
used
> with PC keyboards. I touch those first. Those are indeed
grounded/earthed
> to a safety ground. In the US, every outlet plate is held on by a
grounded
> screw. Similarly, I have the metal components of my desk tied to
the
> safety ground via a 10 megohm resistor.
>
> I got two at a hamfest for $1 each and had my employer buy one for
at
> work which cost them all of $20. Check a computer supply house for
a
> source.
>
> > Thnx a lot...
> >
>
> Hope this helps.
>
> Eric
>
> --
> Eric F. Richards
> efricha@d...
> "The weird part is that I can feel productive even when I'm doomed."
> - Dilbert

1280. Re: Where to buy a radio?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-09 21:54:02 UTC
From: lucretius3
Topic: 1276 Message: 1280

```
--- In icomr75@y..., "Eddie Bryant" <n4umj@c...> wrote:
> Grove has such a liberal return policy that a person I
> know of would buy radios from Grove & then try them
> out for a week or two and send them back and get a
> different one. Sort of a way to personally review radios
> without the purchase.
>
> I always wondered what would happen to the opened
> box, used radio?

This is scary. Perhaps buying from a dealer with a liberal return
policy isn't such a good idea, if you plan on keeping the radio?

--
Michael Moore
```

1281. Re: [icomr75] Re: Where to buy a radio?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-10 03:33:52 UTC
From: DeWayne
Topic: 1276 Message: 1281

If you can't tell the rig from a new one what difference does it make? I've been buying from Grove for nearly 20 years without any problem whatsoever.
DeWayne KE9K

--- In icomr75@y..., "Eddie Bryant" <n4umj@c...> wrote:
> Grove has such a liberal return policy that a person I
> know of would buy radios from Grove & then try them
> out for a week or two and send them back and get a
> different one. Sort of a way to personally review radios
> without the purchase.
>
> I always wondered what would happen to the opened
> box, used radio?

This is scary. Perhaps buying from a dealer with a liberal return policy isn't such a good idea, if you plan on keeping the radio?

--
Michael Moore

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[Non-text portions of this message have been removed]

1282. Re: [icomr75] Re: R75 vs Kenwood R5000?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-10 03:34:28 UTC
From: jimvaljef@aol.com
Topic: 1228 Message: 1282

Yes, I find that the AM sensitivity is very good, but I usually use very long outdoor antennas. Some people have posted info on increasing the MW sensitivity, but I see
no need to do so. I have not done the Sync mod either and don't think I am missing much. The AGC mod was very useful however. Jim

[Non-text portions of this message have been removed]

1283. Re: Installed Rado's v2.0 AM-sync mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-10 04:04:27 UTC
From: uncle_ziba
Topic: 877 Message: 1283

Rado and John, thank you for working on improving the S-AM. I've built the 2.1 mod today and it works great. I was not very skilled in doing such things, so it took 8 hours (incl coffee breaks:) to do this brain surgery. I've uploaded the final picture in the mods area.

I have one question. Could you please explain in layman terms what R5 and R6 values do? I left the pot in the middle and put 1 kOhm for R5. What should I listen for when rotating the pot?

Best regards,

--
Vasiliy

--- In icomr75@y..., jgedde@b... wrote:

> As far as your R4 trimmer + resistor idea, I think it's a good
> one. Not only does it allow for user preference, but
> it takes into account the effect the tolerance,
> ESR and leakage of C1 has on the DC voltage at the comparator.
> I have added this suggestion too.

1284. Re: [icomr75] Re: Where to purchase?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-10 21:42:52 UTC
From: Dave
Topic: 1229 Message: 1284

I just checked. Universal is selling the R-75 for $570 including DSP. Gigaparts is $499 with $50 off the DSP which makes it $589. As long as shipping is below $18, Universal beats Gigaparts.
----- Original Message -----
From: DeWayne
To: icomr75@yahoogroups.com
Sent: Saturday, March 09, 2002 16:32
Subject: Re: [icomr75] Re: Where to purchase?

Counting free shipping Gigaparts is nearly $100 cheaper than Grove and Universal.
DeWayne KE9K

I feel it's my resposibility to help the hobby stay alive. I always do business with fellow hobbyists, even if it means paying a few bucks more.

I go to HRO, because I can smell the equipment and look 'em in the eye. If I mail-order, it's Grove or Fred.

--- In icomr75@y..., Sean Smith <handheld45@y...> wrote:
> I bought mine from Gigaparts. They beat the lowest
> price I could find including dealers listed in this
> string. I e-mailed them with the price and web
> address and George replied with a better price. I have
> purchased other equipment from them and received
> excellent service everytime.

I just checked their web site. $500 shipped for the R75! Best price
I've seen by far!
DeWayne KE9K

>
> Good luck.
>
> Sean KG6GIY
>
> > > Date: Wed, 6 Mar 2002 11:03:33 -0500
> > From: "Art Burke" <pianomanab@s...>
> > Subject: Where to purchase?
> > >
> > Can anyone recommend a place to purchase the ic r75?
> > >
> > >
> > Thanks,
> > >
> > >
> > Art

> >
> >
>
>
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[Non-text portions of this message have been removed]

1285. Re: [icomr75] Re: Where to purchase?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-10 21:51:10 UTC
From: Bob Schoenleber
Topic: 1229 Message: 1285

I think you read it incorrectly. Free DSP and $50 off thru 2/14.

On Sun, 10 Mar 2002 21:42:52 +0000, you wrote:

>I just checked. Universal is selling the R-75 for $570 including DSP. Gigaparts is $499 with $50 off the DSP which makes it $589. As long as shipping is below $18, Universal beats Gigaparts.
> ----- Original Message -----
> From: DeWayne
> To: icomr75@yahoogroups.com
> Sent: Saturday, March 09, 2002 16:32
> Subject: Re: [icomr75] Re: Where to purchase?
>
>
> Counting free shipping Gigaparts is nearly $100 cheaper than Grove and Universal.
> DeWayne KE9K
>
>
> I feel it's my resposibility to help the hobby stay alive. I always do business with fellow hobbyists, even if it means paying a few bucks more.
>
> I go to HRO, because I can smell the equipment and look 'em in the eye. If I mail-order, it's Grove or Fred.
>
>
> --- In icomr75@y..., Sean Smith <handheld45@y...> wrote:
> > I bought mine from Gigaparts. They beat the lowest
> > price I could find including dealers listed in this
> > string. I e-mailed them with the price and web
> > address and George replied with a better price. I have
> > purchased other equipment from them and received
> > excellent service everytime.
>
> I just checked their web site. $500 shipped for the R75! Best price
> I've seen by far!
> DeWayne KE9K
>
> >
> > Good luck.
> >
> > Sean KG6GIY
> >
> > > > Date: Wed, 6 Mar 2002 11:03:33 -0500
> > > > From: "Art Burke" <pianomanab@s...>
> > > > Subject: Where to purchase?

> > >
> > > Can anyone recommend a place to purchase the ic r75?
> > >
> > >
> > > Thanks,
> > >
> > >
> > > Art
> > >
> > >
> >
> >
> > _____
> > Do You Yahoo!?
> > Try FREE Yahoo! Mail - the world's greatest free email!
> > http://mail.yahoo.com/
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>
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>
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> [Non-text portions of this message have been removed]
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>

1286. Re: [icomr75] Re: Where to purchase?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-10 22:08:21 UTC
From: DeWayne
Topic: 1229 Message: 1286

I received an email from Gigaparts. George Howard said :

Hi DeWayne!

I do not have them in stock at this time but should get them around the end of the week. The price is $499.00 to your door.

73
- George
----- Original Message -----
From: Bob Schoenleber
To: icomr75@yahoogroups.com
Sent: Sunday, March 10, 2002 4:51 PM
Subject: Re: [icomr75] Re: Where to purchase?

I think you read it incorrectly. Free DSP and $50 off thru 2/14.

On Sun, 10 Mar 2002 21:42:52 +0000, you wrote:

>I just checked. Universal is selling the R-75 for $570 including DSP. Gigaparts is $499 with $50 off the DSP which makes it $589. As long as shipping is below $18, Universal beats Gigaparts.
> ----- Original Message -----
> From: DeWayne
> To: icomr75@yahoogroups.com
> Sent: Saturday, March 09, 2002 16:32
> Subject: Re: [icomr75] Re: Where to purchase?
>
>
> Counting free shipping Gigaparts is nearly $100 cheaper than Grove and Universal.
> DeWayne KE9K
>
>
> I feel it's my resposibility to help the hobby stay alive. I always do business with fellow hobbyists, even if it means paying a few bucks more.
>
> I go to HRO, because I can smell the equipment and look 'em in the eye. If I mail-order, it's Grove or Fred.
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> --- In icomr75@y..., Sean Smith <handheld45@y...> wrote:
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> > price I could find including dealers listed in this
> > string. I e-mailed them with the price and web
> > address and George replied with a better price. I have
> > purchased other equipment from them and received

> > excellent service everytime.
>
> I just checked their web site. $500 shipped for the R75! Best price
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> DeWayne KE9K
>
> >
> > Good luck.
> >
> > Sean KG6GIY
> >
> > > > Date: Wed, 6 Mar 2002 11:03:33 -0500
> > > From: "Art Burke" <pianomanab@s...>
> > > Subject: Where to purchase?
> > >
> > > Can anyone recommend a place to purchase the ic r75?
> > >
> > >
> > > Thanks,
> > >
> > >
> > > Art
> > >
> > >
> > >
> > >
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>
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[Non-text portions of this message have been removed]

1287. Re: [icomr75] Re: Where to purchase?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-11 03:00:18 UTC
From: Dave
Topic: 1229 Message: 1287

IC-R75 -- Base Receiver .03-60 MHz, AM/FM/USB/LSB/CW/RTTY, 99 Memory Channels, Triple Conversion, AF-DSP, Twin PBT *Mail in coupon DSP UT-106 Module 3/31/2 *$50 off 2/14
----- Original Message -----
From: Bob Schoenleber
To: icomr75@yahoogroups.com
Sent: Sunday, March 10, 2002 21:51
Subject: Re: [icomr75] Re: Where to purchase?

I think you read it incorrectly. Free DSP and $50 off thru 2/14.

On Sun, 10 Mar 2002 21:42:52 +0000, you wrote:

>I just checked. Universal is selling the R-75 for $570 including DSP. Gigaparts is $499 with $50 off the DSP which makes it $589. As long as shipping is below $18, Universal beats Gigaparts.
> ----- Original Message -----
> From: DeWayne
> To: icomr75@yahoogroups.com
> Sent: Saturday, March 09, 2002 16:32
> Subject: Re: [icomr75] Re: Where to purchase?
>
>
> Counting free shipping Gigaparts is nearly $100 cheaper than Grove and Universal.
> DeWayne KE9K
>
>
> I feel it's my resposibility to help the hobby stay alive. I always do business with fellow hobbyists, even if it means paying a few bucks more.
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> I go to HRO, because I can smell the equipment and look 'em in the eye. If I mail-order, it's Grove or Fred.
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>
> --- In icomr75@y..., Sean Smith <handheld45@y...> wrote:
> > I bought mine from Gigaparts. They beat the lowest
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> > address and George replied with a better price. I have
> > purchased other equipment from them and received
> > excellent service everytime.
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> I just checked their web site. $500 shipped for the R75! Best price
> I've seen by far!
> DeWayne KE9K
>
> >

> > Good luck.
> >
> > Sean KG6GIY
> >
> > > > Date: Wed, 6 Mar 2002 11:03:33 -0500
> > > > From: "Art Burke" <pianomanab@s...>
> > > > Subject: Where to purchase?
> > > >
> > > > Can anyone recommend a place to purchase the ic r75?
> > > >
> > > >
> > > > Thanks,
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> > > > Art
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[Non-text portions of this message have been removed]

1288. Re: [icomr75] Re: Where to purchase?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-11 03:48:48 UTC
From: Bob Schoenleber
Topic: 1229 Message: 1288

*Mail in coupon DSP UT-106 Module 3/31/2=Free DSP until 3/31/02

*$50 off 2/14= $50 off until 2/14

It's $500 shipped to your door. Don't argue, Save $90-$100!

Bob

>
>IC-R75 -- Base Receiver .03-60 MHz, AM/FM/USB/LSB/CW/RTTY, 99 Memory Channels, Triple Conversion, AF-DSP, Twin PBT *Mail in coupon DSP UT-106 Module 3/31/2 *$50 off 2/14
> ----- Original Message -----
> From: Bob Schoenleber
> To: icomr75@yahoogroups.com
> Sent: Sunday, March 10, 2002 21:51
> Subject: Re: [icomr75] Re: Where to purchase?
>
>
> I think you read it incorrectly. Free DSP and $50 off thru 2/14.
>
> On Sun, 10 Mar 2002 21:42:52 +0000, you wrote:
>
> >I just checked. Universal is selling the R-75 for $570 including DSP. Gigaparts is $499 with $50 off the DSP which makes it $589. As long as shipping is below $18, Universal beats Gigaparts.
> > ----- Original Message -----
> > From: DeWayne
> > To: icomr75@yahoogroups.com
> > Sent: Saturday, March 09, 2002 16:32
> > Subject: Re: [icomr75] Re: Where to purchase?
> >
> >
> > Counting free shipping Gigaparts is nearly $100 cheaper than Grove and Universal.
> > DeWayne KE9K
> >
> >
> > I feel it's my resposibility to help the hobby stay alive. I always do business with fellow hobbyists, even if it means paying a few bucks more.
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> > I go to HRO, because I can smell the equipment and look 'em in the eye. If I mail-order, it's Grove or Fred.
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> > --- In icomr75@y..., Sean Smith <handheld45@y...> wrote:
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> > I've seen by far!
> > DeWayne KE9K
> >
> > >
> > > Good luck.
> > >
> > > Sean KG6GIY
> > >
> > > > > Date: Wed, 6 Mar 2002 11:03:33 -0500
> > > > > From: "Art Burke" <pianomanab@s...>
> > > > > Subject: Where to purchase?
> > > > >
> > > > > Can anyone recommend a place to purchase the ic r75?
> > > > >
> > > > >
> > > > > Thanks,
> > > > >
> > > > >
> > > > > Art
> > > > >
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> > > > _____
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> > To unsubscribe from this group, send an email to:
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> >
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> > [Non-text portions of this message have been removed]
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>

1289. Re: [icomr75] Re: Shocking blue!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-11 06:49:05 UTC
From: Todd Gaine
Topic: 1217 Message: 1289

I move around in my shag a lot too. Perhaps if I tied my girls wrists to the radiator it would help. Driving home the earth spike would be fun.

--- In icomr75@y..., efricha@d... wrote:
> >
> > In my shag I move around a lot. Two keyboards to operate, a scanner, the Icom, etc. So while I'm swirling around on my chair (one with wheels) I seem to pick up much static current. Whenever I touch the Icom (or the scanner) the sparks are flying between my fingers and the metalic rigs. And that's not pleasant to say the least. I'm sure the cause is a lack of earthing of the rigs.
> >
> > Sometimes when I only briefly touch the dialingknob, not dialing it, the frequency skips a few Hz's.
> >
> > 1. Can this be damaging for the Icom?
>
> Yes. Absolutely.
>
> > 2. Except for slamming some earthingrod in the garden, can I do something about this annoying sparks?
>
> Grounding the rigs won't help that problem. You are generating static
> electricity and it would discharge to any metal object. You may want to
> ground them for other reasons, but that's outside the scope of your problem.
>
> > Maybe touching the radiator of the central heating before touching the Icom... :-)
>
> That, indeed would help.
>
> I also create a huge amount of static -- enough to throw inch-long sparks
> from my fingers. Don't know why but it is probably my choice of clothing
> and shoes -- and the excessively dry Colorado climate.
>
> To avoid the annoying "pain" from the sparks I often touch things (like
> door knobs, etc) with a key that I'm holding firmly in my fingers. This
> spreads out the point where the dissipation occurs for my fingers.

>
> For protecting my equipment I have anti-static mats designed to be
used
> with PC keyboards. I touch those first. Those are indeed
grounded/earthed
> to a safety ground. In the US, every outlet plate is held on by a
grounded
> screw. Similarly, I have the metal components of my desk tied to
the
> safety ground via a 10 megohm resistor.
>
> I got two at a hamfest for $1 each and had my employer buy one for
at
> work which cost them all of $20. Check a computer supply house for
a
> source.
>
> > Thnx a lot...
> >
>
> Hope this helps.
>
> Eric
>
> --
> Eric F. Richards
> efricha@d...
> "The weird part is that I can feel productive even when I'm doomed."
> - Dilbert

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[Non-text portions of this message have been removed]

1290. Re: [icomr75] Re: Where to purchase?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-11 13:43:42 UTC
From: Dave
Topic: 1229 Message: 1290

Thanks. I already have one. $474 at HRO.

----- Original Message -----
From: Bob Schoenleber
To: icomr75@yahoogroups.com
Sent: Monday, March 11, 2002 03:48
Subject: Re: [icomr75] Re: Where to purchase?

*Mail in coupon DSP UT-106 Module 3/31/2=Free DSP until 3/31/02

*$50 off 2/14= $50 off until 2/14

It's $500 shipped to your door. Don't argue, Save $90-$100!

Bob

>
>IC-R75 -- Base Receiver .03-60 MHz, AM/FM/USB/LSB/CW/RTTY, 99 Memory Channels, Triple Conversion, AF-DSP, Twin PBT *Mail in coupon DSP UT-106 Module 3/31/2 *$50 off 2/14
> ----- Original Message -----
> From: Bob Schoenleber
> To: icomr75@yahoogroups.com
> Sent: Sunday, March 10, 2002 21:51
> Subject: Re: [icomr75] Re: Where to purchase?
>
>
> I think you read it incorrectly. Free DSP and $50 off thru 2/14.
>
> On Sun, 10 Mar 2002 21:42:52 +0000, you wrote:
>
> >I just checked. Universal is selling the R-75 for $570 including DSP. Gigaparts is $499 with $50 off the DSP which makes it $589. As long as shipping is below $18, Universal beats Gigaparts.
> > ----- Original Message -----
> > From: DeWayne
> > To: icomr75@yahoogroups.com
> > Sent: Saturday, March 09, 2002 16:32
> > Subject: Re: [icomr75] Re: Where to purchase?
> >
> >
> > Counting free shipping Gigaparts is nearly $100 cheaper than Grove and Universal.
> > DeWayne KE9K
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> >
> > I feel it's my resposibility to help the hobby stay alive. I always do business with fellow hobbyists, even if it means paying a few bucks more.

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> > > Good luck.
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> > > Sean KG6GIY
> > >
> > > > > Date: Wed, 6 Mar 2002 11:03:33 -0500
> > > > > From: "Art Burke" <pianomanab@s...>
> > > > > Subject: Where to purchase?
> > > > >
> > > > > Can anyone recommend a place to purchase the ic r75?
> > > > >
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1291. Am ATTENUATION Mod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-11 11:48:02 UTC
From: lew47oz
Topic: 1291 Message: 1291

Hello from Adelaide, I am looking at doing the AM ATT Mod shortly, & wanted to know if any resistors have to be removed, as well as the shorting procedure. I remeber reading about the subject, but can't find a reference now I want it.
Cheers Lew Chapman

1292. Am I getting through

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-11 12:08:33 UTC
From: lew47oz
Topic: 1292 Message: 1292

Can someone please confirm if my messages are being received
Cheers Lew Chapman

1293. Re: [icomr75] Am I getting through

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-11 15:30:27 UTC
From: Bob Schoenleber
Topic: 1292 Message: 1293

Loud and clear!

On Mon, 11 Mar 2002 12:08:33 +0000, you wrote:

>Can someone please confirm if my messages are being received
>Cheers Lew Chapman
>
>
>To unsubscribe from this group, send an email to:
>icomr75-unsubscribe@egroups.com
>
>
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>

1294. Re: [icomr75] Am I getting through

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-11 15:34:26 UTC
From: Dave
Topic: 1292 Message: 1294

What messages?
----- Original Message -----
From: lew47oz
To: icomr75@yahoogroups.com
Sent: Monday, March 11, 2002 12:08
Subject: [icomr75] Am I getting through

Can someone please confirm if my messages are being received
Cheers Lew Chapman

To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

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[Non-text portions of this message have been removed]

1295. Re: Am ATTENUATION Mod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-11 18:02:22 UTC
From: Eddie Bryant
Topic: 1291 Message: 1295

Just solder a SPST (single pole single throw) switch to the
solder pads shown in the .jpg at the "R75 Mods" section
of the "Files" Area here in this group.

I found it can make a difference of anywhere from 1/2 an
to 1 and a half "S" units difference.

Whether it decreases the S/N you will have to see for your
self. I don't do too much listening down there but it's nice
to be able to have a switch to control it. I suppose you could
place a solder bridge across it as well and permanently Mod.
it.

There is another AM Attenuator Mod "Message 576" that
involves changing several resistors and adding an inductor.
I did not accomplish this one as it seems to be a little more
difficult.

Maybe someone that has will jump in.

Below is a repaste of it:

Ed
N4UMJ
==========

I picked up a service manual for this receiver. It seems that 100 Ohm
current limiting resistors are used as the series Rs with the switching
diodes in the front end. In an earlier post, I mentioned that the shunt
Rs in the MW attenuator were providing the return path for the switching
diode in the front end. I calculated the equivalent resistance of this
network to be 139 Ohms; that is the reason that I specified the 2.2mH
choke in series with the 110 Ohm resistor.
Anyway, I did change the 10 Ohm series resistor that Icom has in their
unit to the 100 Ohm unit that is used in all of the other filter ranges;
this eliminates the need for the extra resistor that is in series with the
2.2mH choke. I didn't like the fact that the 2.2mH choke is self-resonant
at around 900KHz, so I switched that value to a 1mH Murata surface mount
inductor. It may be because I eliminated some of the parasitics that were
present with the 2.2mH choke, but the sensitivity on the LW band improved.
The .1uV spec is now maintained down to 150KHz, degrading to .2uV at
100KHz. This is because of the noise floor rise at 100KHz and below,
maybe due to the close-in phase noise of the synthesizer.
Now, if I got a little bit confusing with my explanation, I'll get to the
point. To remove the MW attenuator, remove R171 and R173 (270 Ohms), and
replace R172 (18 Ohms) with either a zero Ohm resistor short that

connection point pad that is supposed to bypass the attenuator (it really does not, unless you remove R171 and R173). Next, change R174 (10 Ohms) to a 100 Ohm resistor. Finally, add a 1mH surface mount choke across the point where R171 was connected.
This is to provide the DC return path for the switching diode. You could use a leaded choke, but the main thing is to keep the leads as short as possible.
On a final note, I must caution anybody that these parts are relatively small; were are talking about 0603 (.06 by .03 inch) parts. You really need to have some sort of magnifier or stereo mircoscope of close up reading glasses to do this job. Also, you need a good soldering iron with a small tip, such as a Pace, Metcal, or Hayco soldering station to do the job. The reason for this is that you need to be able to concentrate the heat in a very small area. If anybody has any questions, feel free to give me a shout, and I will walk you through the job.

Pete gianakopoulos
Chicago, Il.

Addition by Rado:

Well, the procedure is not very simple. I expect a substantial effect if either R171 or R173 is removed together with the shortening of the pad. This will increase the resistance to ground from 135 Ohms to 270 Ohms.

Best regards,

Rado

1296. Re: [icomr75] Re: Am ATTENUATION Mod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-01-29 00:30:18 UTC
From: lirka@senet.com.au
Topic: 1291 Message: 1296

Thank you Eddie I'll be doing the basic Mod initially, we did similar mod to R5000 with great success Cheers Lew Chapman Quoting Eddie Bryant : > > > > > Just solder a SPST (single pole single throw) switch to the
> solder pads shown in the .jpg at the "R75 Mods" section
> of the "Files" Area here in this group.
>
> I found it can make a difference of anywhere from 1/2 an
> to 1 and a half "S" units difference.
>
> Whether it decreases the S/N you will have to see for your
> self. I don't do too much listening down there but it's nice
> to be able to have a switch to control it. I suppose you could
> place a solder bridge across it as well and permanently Mod.
> it.
>
> There is another AM Attenuator Mod "Message 576" that
> involves changing several resistors and adding an inductor.
> I did not accomplish this one as it seems to be a little more
> difficult.
>
> Maybe someone that has will jump in.
>
> Below is a repaste of it:
>
> Ed
> N4UMJ
> ==
>
> --
> I picked up a service manual for this receiver. It seems that 100 Ohm
> current limiting resistors are used as the series Rs with the switching
> diodes in the front end. In an earlier post, I mentioned that the shunt
> Rs in the MW attenuator were providing the return path for the > switching
> diode in the front end. I calculated the equivalent resistance of this
> network to be 139 Ohms; that is the reason that I specified the 2.2mH
> choke in series with the 110 Ohm resistor.
> Anyway, I did change the 10 Ohm series resistor that Icom has in their
> unit to the 100 Ohm unit that is used in all of the other filter > ranges;
> this eliminates the need for the extra resistor that is in series with > the
> 2.2mH choke. I didn't like the fact that the 2.2mH choke is > self-resonant
> at around 900KHz, so I switched that value to a 1mH Murata surface > mount
> inductor. It may be because I eliminated some of the parasitics that > were
> present with the 2.2mH choke, but the sensitivity on the LW band > improved.
> The .1uV spec is now maintained down to 150KHz, degrading to .2uV at
> 100KHz. This is because of the noise floor rise at 100KHz and below,

> maybe due to the close-in phase noise of the synthesizer.
> Now, if I got a little bit confusing with my explanation, I'll get to > the
> point. To remove the MW attenuator, remove R171 and R173 (270 Ohms), > and
> replace R172 (18 Ohms) with either a zero Ohm resistor short that
> connection point pad that is supposed to bypass the attenuator (it > really
> does not, unless you remove R171 and R173). Next, change R174 (10 Ohms)
> to a 100 Ohm resistor. Finally, add a 1mH surface mount choke across > the
> point where R171 was connected.
> This is to provide the DC return path for the switching diode. You > could
> use a leaded choke, but the main thing is to keep the leads as short as
> possible.
> On a final note, I must caution anybody that these parts are relatively
> small; were are talking about 0603 (.06 by .03 inch) parts. You really
> need to have some sort of magnifier or stereo mircoscope of close up
> reading glasses to do this job. Also, you need a good soldering iron > with
> a small tip, such as a Pace, Metcal, or Hayco soldering station to do > the
> job. The reason for this is that you need to be able to concentrate the
> heat in a very small area. If anybody has any questions, feel free to
> give me a shout, and I will walk you through the job.
>
> Pete gianakopoulos
> Chicago, Il.
>
> ---
> Addition by Rado:
>
> Well, the procedure is not very simple. I expect a substantial effect > if
> either R171 or R173 is removed together with the shortening of the pad. > This
> will increase the resistance to ground from 135 Ohms to 270 Ohms.
>
> Best regards,
>
> Rado
>
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size=-2>ADVERTISEMENT
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108:HM/A=847665/R=0/*http://ads.x10.com/?bHlhaG9vbW9uc3RlcjcuZGF0=1015869830%
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M=215002.1818248.3328688.1261774/D=egroupmail/S=1705063108:HM/A=847665/rand=5980 31061">
> generate?JY?JY >
> > > > >
> > To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
> >
> >
> Your use of Yahoo! Groups is subject to the
href="http://docs.yahoo.com/info/terms/">Yahoo! Terms of Service. > > > > >
---------- This mail sent through SE Net Webmail
http://webmail.senet.com.au

1297. Re: R-75 used for transceive operation?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-12 04:33:30 UTC
From: icomfandan
Topic: 1271 Message: 1297

--- In icomr75@y..., "maritimus49" <maritimus49@y...> wrote:
> Hello Everyone -
> I am trying to find out if the R-75 can be used in a transceive
> setup with a transmitter? I have the Drake T-4XB which was ised
with
> a companion receiver in transceive mode with the appropriate
cables.
> In other words does the mute jack on the back respond to the same
> kind of grounding that is usually offered by a muting cable from
the
> transmitter or is it different? The manual goes into this
discussion
> of "C-IV" transceivers but I can't be sure if it would work the
right
> way with my old boatanchor. Just curious.

RE: YES, you can use the R75 in conjunction w/ a transmitter. You must provide the R75 with its own antenna OR you must isolate the R75 from the transmitter's RF output, if using the same antenna. This is imperative, as the mute alone is not sufficient to protect the receiver from the high levels of power being pumped into the antenna jack. If your "boat anchor" transmitter has a built-in relay to provide this isolation, and it works, then you should be okay. Usually these older transmitters had two antenna jacks, one labeled for the antenna, one for the receiver. During transmit, the internal relay switched the RF from the transmitter into the antenna jack and away from the receiver jack.

If your transmitter does not provide this arrangement, you can use an external coaxial relay to furnish the antenna switching. I have used my R75 in exactly this fashion, but with a modern transceiver (yes, transceiver!---the receive section of my Alinco DX-70 is vastly inferior to the R75). I assembled a simple RCA-to-RCA cable for the mute connection, in parallel with the DC coil of a Tohtsu coaxial relay---works like a charm!

Hope this helps!
> 73,
> Bruce

1298. Test, ignore

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-12 11:47:56 UTC
From: Heinz Diehl
Topic: 1298 Message: 1298

Buggy Yahoo test.

--
Heinz Diehl, 68259 Mannheim, Germany

1299. icom r75 antenna switch relay

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-13 00:52:15 UTC
From: Jem Cullen
Topic: 1299 Message: 1299

HI Dan

I saw your post about using your r75 witha txer.
I have just picked up a Kenwood TS440s, and even though they are on seperate antennas, the antennae are only about 1-2 metres apart. I would be interested to know more about the antenna switch you hooked up. Exactly how you made it etc.

At the moment I either disconnect the antenna from the r75 or turn the darned thing off (or both) before transmitting...but sometimes one forgets

Do you think the r75 could be damaged by my txer ont he nearby ant if it was switched off but still connected to the ant?

Anyway if you could provide some details, for the not so technical that would help

73 de Jem
VK2JEM

_____
MSN Photos is the easiest way to share and print your photos:
http://photos.msn.com/support/worldwide.aspx

1300. RE: [WUN] Icom R-75 & PC-ALE

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-13 01:31:30 UTC
From: esptwo@comcast.net
Topic: 1300 Message: 1300

My apologies for the earlier "no subject" posting.

Ed Pusey

Friends:

Sandy Abel was very kind to get me well on the way to PC-ALE monitoring, but I've been unable to find correct settings to have my ICOM R-75 pause correctly upon detection of ALE signals. I know what they sound like, and if I slow the scan rate to "1," I can stop the scan and receive the transmissions fine when I hear one. Problem is the R-75 won't stop on its own. Everything else seems to work fine. Any hints would be appreciated.

System 1:

No Name 550 mhz P3 w/Windows ME

Soundblaster PCI 128

Icom R-75

Audio connection made into "line in" - signal very visible in signal window

Have tried multiple variants of DCD threshold, tx/rx audio levels with no discernable differences

System 2:

Compaq 1.7 ghz P4 w/windows XP

SoundMAX Integrated Digital Audio

The rest is the same, with the same problem

I'll be happy to post the "successful response" if I receive one.

Thanks all.

Ed Pusey

--- StripMime Report -- processed MIME parts ---
multipart/alternative
text/plain (text body -- kept)
text/html

_____
WUN mailing list

WUN@...
http://mailman.qth.net/mailman/listinfo/wun

1301. Where to purchase !0% discount of cost

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-13 14:05:47 UTC
From: atagrasin
Topic: 1301 Message: 1301

HI friends:There is an 10% DISCOUNT OVER COST FOR THE R-75 IN RADIO WORLD[Nevada].The owner Dave is a honest man and has an Ham has knowlage about shortwave receivers and antennas.Phone 702-294-2666 and E-mail www.radio-nv.com.I buy some equipment from him and has a very fast service.Radio world is an Icom dealer.I don't work for him only a satisfied buyer.regards Ken

1302. Just ordered it!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-13 18:58:05 UTC
From: Art Burke
Topic: 1301 Message: 1302

Welp,

Just ordered my ICOM r-75...
What's the buzz regarding the AM sensitivity mod. Should I investigate my radio when I get it to
see if it should be modified?
I guess I'll send the coupon in for the DSP when I get it.

Thanks for the help...

Art

[Non-text portions of this message have been removed]

1303. Re: [icomr75] Re: Where to purchase?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-13 10:07:25 UTC
From: E de Jong
Topic: 1229 Message: 1303

Cheese! And I thought 899 Euro was cheap here in Holland...

Ed de Jong
Balk. The Netherlands
URL: http://beam.to/galact
E-mail: ed@... <mailto:ed@...> (default)

_____
{The night hides a world but unveils a universe}

----- Original Message -----
From: Dave
To: icomr75@yahoogroups.com
Sent: Monday, March 11, 2002 2:43 PM
Subject: Re: [icomr75] Re: Where to purchase?

Thanks. I already have one. $474 at HRO.

[Non-text portions of this message have been removed]

1304. Re: [icomr75] Where to purchase !0% discount of cost

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-14 03:21:21 UTC
From: Alan Johnson
Topic: 1301 Message: 1304

I've bought used gear there and have been very satisfied.

Alan Johnson
N4LUS

----- Original Message -----
From: atagrasin
To: icomr75@yahoogroups.com
Sent: Wednesday, March 13, 2002 6:05 AM
Subject: [icomr75] Where to purchase !0% discount of cost

HI friends:There is an 10% DISCOUNT OVER COST FOR THE R-75 IN RADIO WORLD[Nevada].The owner Dave is a honest man and has an Ham has knowlage about shortwave receivers and antennas.Phone 702-294-2666 and E-mail www.radio-nv.com.I buy some equipment from him and has a very fast service.Radio world is an Icom dealer.I don't work for him only a satisfied buyer.regards Ken

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[Non-text portions of this message have been removed]

1305. Re: [icomr75] Digest Number 327

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-15 08:34:32 UTC
From: Sean Smith
Topic: 1305 Message: 1305

I didn't get my R-75 there but I did buy a used
ATS-909 from them. When I called about the radio they
didn't have all the accessories that come with
Sangeans. The got the case, wall wart, and book from
Sangean for me at no extra cost. They are good
people.

Sean KG6GIY

> HI friends:There is an 10% DISCOUNT OVER COST FOR
> THE R-75 IN RADIO
> WORLD[Nevada].The owner Dave is a honest man and
> has an Ham has
> knowlage about shortwave receivers and
> antennas.Phone 702-294-2666
> and E-mail www.radio-nv.com.I buy some equipment
> from him and has a
> very fast service.Radio world is an Icom dealer.I
> don't work for him
> only a satisfied buyer.regards Ken
>
>

Do You Yahoo!?
Yahoo! Sports - live college hoops coverage
http://sports.yahoo.com/

1306. Phil's SSB/ECSS Mods... Help Needed!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-15 23:42:21 UTC
From: just_rtfm
Topic: 1306 Message: 1306

hello group,

i have some ideas for R-75 mods and need some input. i listen to almost everything using SSB or ECSS. the problem is that i want more fidelity (ECSS) and more volume.

to improve fidelity i propose to place a 3.0 kHz kiwa filter (SFM) at the 455 kHz IF position. this should be 'easy' mechanically: a voltage and ground hookup, solder the input and output leads to posts and place them into the PCB holes. this filter only costs $50 and has no insertion loss (buffered)... good for ~7 dB gain over ICOM's.

to improve volume i am still studying the R-75 schematic. if you are skilled in electronics please offer your help if possible. apparently the SSB chain (MC1496 mixer) is putting out below what the AM (MC13022) and FM (NJM2058+) chain are just before the AF selector input. i have a few ideas: one is to short pin 2 and 3 of MC1496 to allow 'maximum' amplification: ~3.5 V/V. as of yet i have no idea how this will effect the linear dynamic range of the component. ICOM currently uses a 1.5k ohm resistor here. soldering another resistor in parallel might also be viable (if maximum is too much). another idea would be to add a transistor amplifier between the MC1496's output and the AF selector.

i have uploaded under: 'files' --> 'r75 mods' a schematic of the regions in question... it is called PhilMod1. i belive that boosting SSB volume would make this receiver shine. thank you in advance for any assistance. i hope Dr. Danev is around to offer his input.

phil :)

1307. Smart Icom Control 32

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-17 17:31:23 UTC
From: l42a1
Topic: 1307 Message: 1307

Has anyone tried using the Fineware Smart Icom Control 32 software?
If so, what are your impressions?

1308. Re: [icomr75] Smart Icom Control 32

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-17 18:21:45 UTC
From: Dave
Topic: 1307 Message: 1308

I tried the demo. It works very well, but I am using the radio "hands-on" in the garage. I use Smart R8 Control 32 for the Drake in my office; it is very handy. The SWBC listings (just like in Monitoring Times) and Utility listings are "clickable" and tune the radio. Conversely, if you are "spin tuning" and need to identify a station, click the display once and the database record appears,

You can also manage memories and import databases, which is handy for some people.

Last. I had a problem once and Mark Fine walked me through the troubleshooting, no extra charge.

----- Original Message -----
From: l42a1
To: icomr75@yahoogroups.com
Sent: Sunday, March 17, 2002 17:31
Subject: [icomr75] Smart Icom Control 32

Has anyone tried using the Fineware Smart Icom Control 32 software?
If so, what are your impressions?

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[Non-text portions of this message have been removed]

1309. Antenna: Baluns/Transformers, & New Wire Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-17 01:28:19 UTC
From: pjrohio@ntr.net
Topic: 1309 Message: 1309

Hello, fellow SWL IC-R75ers...

Saturday, March 8th was a 'breezy' day in Ohio.
Down came my old RS inverted-v dipole, smashing
the balun/transformer, and exposing the innards.
(Ok, the mast wasn't secure as it should've been.)

:-o

The balun/transformer is still functional.
I learned 'Shack hasn't sold this dipole for
a number of years now.

So, I purchased some new, heavier gage wire (14),
70 feet worth. The original dipole was 20ft per
leg. I strung-out 30ft per side this time, using
the beat-up balun/transformer. (I wanted to favor
night SWL, hence the the longer length this time.)

Reception is stronger across the band (3-22MHz)!
Example: 5.070 is now reading '20' with ATTenuation
(in CW-REV ECSS mode).

Questions: If I want to get another balun/transformer,
what type is the one I now have? What type should I be
using, if it is indeed important? (1:1, 9:1, 50:1,
1,000,000:1) (Receive-only application.)

I don't know if I would want to build my own, but if I
do, info on that is welcome.

Thank you, Patrick.

1310. Re: [icomr75] Smart Icom Control 32

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-17 22:40:20 UTC
From: Marv
Topic: 1307 Message: 1310

Hey there,
yup, tried it, bought it, love it

Marv

1311. infrared control?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-17 22:59:01 UTC
From: Art Burke
Topic: 1307 Message: 1311

Has anyone thought about interfacing a basicstamp II with the db9 on the
r75?
It seems like it could make a pretty slick infrared control, allowing you to
change freq and
other parameters remotely without a PC...
Can you change the volume through software?
I should be getting mine Tuesday, and look forward to a little
experimentation.

Thanks,

Art

[Non-text portions of this message have been removed]

1312. External Speakers for 'Better' and/or Louder Audio

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-17 23:56:13 UTC
From: pjrohio@ntr.net
Topic: 1312 Message: 1312

Hi All,

I just recently purchased the RCA Pro-X33AV ($20)
mini speaker from Radio Shack (Cat 40-5000 page 175).

(After plugging it in...) Nice.

:D-)-(

Has anyone tried the 40-5024 (page 180)?

For Even Louder Audio:

I also use the 21-549 Extension Speaker sometimes,
which is normally used with my police scanner, for
some real loud audio punch (page 104). I may purchase
another one. These are awesome speakers. Nice
sensitivity and voice-enhanced. 10-ft cord.

Still need more audio DB?
The 21-541 is the amplified version (needs 12VDC).

- Patrick

.

.

1313. Re: [icomr75] Smart Icom Control 32

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-18 03:05:30 UTC
From: Dave
Topic: 1307 Message: 1313

The "history" feature is really neat. You can backtrack. Good for finding parallells. Much handier than 2 VFOs.
----- Original Message -----
From: Marv
To: l42a1
Sent: Sunday, March 17, 2002 22:40
Subject: Re: [icomr75] Smart Icom Control 32

Hey there,
yup, tried it, bought it, love it

Marv

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[Non-text portions of this message have been removed]

1314. Re: [icomr75] External Speakers for 'Better' and/or Louder Audio

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-18 03:52:51 UTC
From: Dave
Topic: 1314 Message: 1314

These'll make your radio sound like a walnut Grundig console radio from the '50s.

http://www.hifi.com/store/category.cgi?category=mul_speakers&item=c1pcwxxxx
----- Original Message -----
From: pjrohio@...
To: icomr75@yahoogroups.com
Sent: Sunday, March 17, 2002 23:56
Subject: [icomr75] External Speakers for 'Better' and/or Louder Audio

Hi All,

I just recently purchased the RCA Pro-X33AV ($20)
mini speaker from Radio Shack (Cat 40-5000 page 175).

(After plugging it in...) Nice.

:D-)-(

Has anyone tried the 40-5024 (page 180)?

For Even Louder Audio:

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which is normally used with my police scanner, for
some real loud audio punch (page 104). I may purchase
another one. These are awesome speakers. Nice
sensitivity and voice-enhanced. 10-ft cord.

Still need more audio DB?
The 21-541 is the amplified version (needs 12VDC).

- Patrick

.

.

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[Non-text portions of this message have been removed]

1315. Wow!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-18 15:58:20 UTC
From: Art Burke
Topic: 1314 Message: 1315

I just got my R75 today...Wow!
This thing works fabulously!

Art

[Non-text portions of this message have been removed]

1316. Re: infrared control?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-18 17:41:25 UTC
From: Urban Larsson
Topic: 1307 Message: 1316

There's a device called ProGrammit that can remotly IR control any keyboard controlled device and can also do volume control. There's a website with all info but I don't have the URL right now. You'll probably find it with a google search.

Ubbe.

> Has anyone thought about interfacing a basicstamp II with the db9 on the
> r75?
> It seems like it could make a pretty slick infrared control, allowing you to
> change freq and
> other parameters remotely without a PC...
> Can you change the volume through software?
> I should be getting mine Tuesday, and look forward to a little
> experimentation.
>
> Thanks,
>
> Art

1317. Re: [icomr75] Smart Icom Control 32

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-18 17:26:55 UTC
From: Bob
Topic: 1307 Message: 1317

--- Dave <rickets@...> wrote:
> The SWBC listings (just like in
> Monitoring Times) and Utility listings are
> "clickable" and tune the radio. Conversely, if
> you are "spin tuning" and need to identify a
> station, click the display once and the database
> record appears,
>

Dave,

Is this database included with Smart ICOM or is it a
separate program? How is it updated?

Regards,
Bob

=====
========================
Listening to the world
from suburban
Philadelphia, PA USA
========================

_____
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http://sports.yahoo.com/

1318. Re: External Speakers for 'Better' and/or Louder Audio

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-18 20:06:12 UTC
From: Eddie Bryant
Topic: 1314 Message: 1318

> Subject: External Speakers for 'Better' and/or Louder Audio
>
> Hi All,
>
> I just recently purchased the RCA Pro-X33AV ($20)
> mini speaker from Radio Shack (Cat 40-5000 page 175).
>
> (After plugging it in...) Nice.
>
> :D-)-(

I was so impressed I hooked up two of the Optimus (R-S)
PRO-X88AV's on each side of my video monitor and no
they are not connected to my computer. Just the ICOM.

Great sound on these speakers! (emulated stereo I guess...)
I also found the smaller Radio Shack XTS 25 (40-1999A)
to be a great little speaker too. I use that one on the R-75
in the Bedroom.

I tried using the Radio Shack 21-549A but it had a tinny, brash
sound to it. Either of the other two above really bring out the
fuller audio. If you have'nt treid an external on your ICOM
you are missing out on the potential of the R75.

I used a 4 way Sony headset switch box to switch between all
three and compare.

Ed
N4UMJ

1319. Control codes to send through DB9 serial connector?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-18 20:23:18 UTC
From: Art Burke
Topic: 1314 Message: 1319

Are the codes in the manual the same codes I need to change parameters on
the R75 via the
serial connector (DB9)?

Thanks,

Art

[Non-text portions of this message have been removed]

1320. Re: Control codes to send through DB9 serial connector?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-18 21:19:48 UTC
From: grant390
Topic: 1314 Message: 1320

Art:

I'm not sure what you are asking here. Yes, the control codes for the R75 are listed in the manual. However, communication with the rig is a somewhat complex protocol that is shared with many Icom radios.

If you are interested in doing this, I suggest you refer to an excellent web site that provides a great amount of detail: http://www.plicht.de/ekki/civ/civtoc.html

Good luck!

KD7OFV

--- In icomr75@y..., "Art Burke" <pianomanab@s...> wrote:
> Are the codes in the manual the same codes I need to change parameters on
> the R75 via the
> serial connector (DB9)?
>
> Thanks,
>
> Art
>
>
> [Non-text portions of this message have been removed]

1321. Re: [icomr75] Smart Icom Control 32

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-18 22:14:48 UTC
From: Dave
Topic: 1307 Message: 1321

Databases are included when you register.

http://www.fineware-swl.com/sic.html

----- Original Message -----
From: Bob
To: icomr75@yahoogroups.com
Sent: Monday, March 18, 2002 17:26
Subject: Re: [icomr75] Smart Icom Control 32

--- Dave <rickets@...> wrote:
> The SWBC listings (just like in
> Monitoring Times) and Utility listings are
> "clickable" and tune the radio. Conversely, if
> you are "spin tuning" and need to identify a
> station, click the display once and the database
> record appears,
>

Dave,

Is this database included with Smart ICOM or is it a
separate program? How is it updated?

Regards,
Bob

=====
=========================
Listening to the world
from suburban
Philadelphia, PA USA
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[Non-text portions of this message have been removed]

1322. Re: External Speakers for 'Better' and/or Louder Audio

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-18 22:27:45 UTC
From: pjrohio@ntr.net
Topic: 1312 Message: 1322

Dave,

Well, for shortwave voice, this CSW system may be a bit
more than needed.

:)

However, I saved the link for future potential.

Thanks, Patrick.

1323. RE: [icomr75] Re: Control codes to send through DB9 serial connector?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-18 22:38:39 UTC
From: Art Burke
Topic: 1314 Message: 1323

I see the CIV or whatever it is port on the R75...Is this exactly
electrically equivalent to a serial connection
on the DB9 connector on the back?
I'm looking to control the radio through the DB9 port, no the CIV (or
whatever port that is)...
Thanks,

Art
-----Original Message-----
From: grant390 [mailto:khgrant@...]
Sent: Monday, March 18, 2002 4:20 PM
To: icomr75@yahoogroups.com
Subject: [icomr75] Re: Control codes to send through DB9 serial connector?

Art:

I'm not sure what you are asking here. Yes, the control codes for the
R75 are listed in the manual. However, communication with the rig is
a somewhat complex protocol that is shared with many Icom radios.

If you are interested in doing this, I suggest you refer to an
excellent web site that provides a great amount of detail:
http://www.plicht.de/ekki/civ/civtoc.html

Good luck!

KD7OFV

--- In icomr75@y..., "Art Burke" <pianomanab@s...> wrote:
> Are the codes in the manual the same codes I need to change
parameters on
> the R75 via the
> serial connector (DB9)?
>
> Thanks,
>
> Art
>
>
> [Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

1324. RE: [icomr75] Re: Control codes to send through DB9 serial connector?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-18 22:58:33 UTC
From: T. Harding
Topic: 1314 Message: 1324

I purchased the R-75 software from the vendor and can communicate directly between PC and radio through the serial port/serial cable. From what I understand, the CI-V is used to control more than one Icom radio from your computer.

-----Original Message-----
From: Art Burke [mailto:pianomanab@...]
Sent: Monday, March 18, 2002 5:39 PM
To: icomr75@yahoogroups.com
Subject: RE: [icomr75] Re: Control codes to send through DB9 serial connector?

I see the CIV or whatever it is port on the R75...Is this exactly electrically equivalent to a serial connection
on the DB9 connector on the back?
I'm looking to control the radio through the DB9 port, no the CIV (or whatever port that is)...
Thanks,

Art
-----Original Message-----
From: grant390 [mailto:khgrant@...]
Sent: Monday, March 18, 2002 4:20 PM
To: icomr75@yahoogroups.com
Subject: [icomr75] Re: Control codes to send through DB9 serial connector?

Art:

I'm not sure what you are asking here. Yes, the control codes for the R75 are listed in the manual. However, communication with the rig is a somewhat complex protocol that is shared with many Icom radios.

If you are interested in doing this, I suggest you refer to an excellent web site that provides a great amount of detail:
http://www.plicht.de/ekki/civ/civtoc.html

Good luck!

KD7OFV

--- In icomr75@y..., "Art Burke" <pianomanab@s...> wrote:
> Are the codes in the manual the same codes I need to change parameters on
> the R75 via the
> serial connector (DB9)?
>

> Thanks,
>
> Art
>
>
> [Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

1325. Re: [icomr75] Re: External Speakers for 'Better' and/or Louder Audio

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-19 00:34:33 UTC
From: Dave
Topic: 1314 Message: 1325

Fry's was selling them for $20 a few weeks back. They have an inline volume control and come with a wallwart and everything. The woofer goes on the floor and the cubes have a very small footprint. I have one on my PC soundcard and listen to the Drake through them. Very warm. I don't like seperate tweeters on AM radios.

I also dislike Radio Shack with a vengeance because before Radio Shack we had Lafayette Radio Electronics.
----- Original Message -----
From: pjrohio@...
To: icomr75@yahoogroups.com
Sent: Monday, March 18, 2002 22:27
Subject: [icomr75] Re: External Speakers for 'Better' and/or Louder Audio

Dave,

Well, for shortwave voice, this CSW system may be a bit
more than needed.

:)

However, I saved the link for future potential.

Thanks, Patrick.

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[Non-text portions of this message have been removed]

1326. RE: [icomr75] Wow!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-19 00:50:51 UTC
From: Enrique A. Wembagher
Topic: 1314 Message: 1326

hi Art,
Welcome to r75users !!

Enrique

> -----Mensaje original-----
> De: Art Burke [mailto:pianomanab@...]
> Enviado el: Lunes, 18 de Marzo de 2002 12:58
> Para: icomr75@yahoogroups.com
> Asunto: [icomr75] Wow!
>
>
> I just got my R75 today...Wow!
> This thing works fabulously!
>
> Art
>
>
> [Non-text portions of this message have been removed]
>
>
>
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>
>
>
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>
>

1327. RE: [icomr75] VB Control for IC-R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-19 18:07:19 UTC
From: antoine
Topic: 1307 Message: 1327

Hello

i just Wrtite a VB Program to control R75. it a good Start To use r75 and
the source can be improved to use more function ....

if you want i can send you the VB Source , and may be works togheter to have
a good program ???!

thanks

Antoine

[Non-text portions of this message have been removed]

1328. Re: [icomr75] VB Control for IC-R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-20 00:19:39 UTC
From: dwood6
Topic: 1307 Message: 1328

> i just Wrtite a VB Program to control R75. it a good Start To use r75 and
> the source can be improved to use more function ....
>
> if you want i can send you the VB Source , and may be works togheter to
have
> a good program ???!
>

I'd like to have a look at it. I'm also working on a program in VB 5.

radio@...

1329. Re: External Speakers for 'Better' and/or Louder Audio

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-20 02:28:12 UTC
From: pjrohio@ntr.net
Topic: 1312 Message: 1329

"I tried using the Radio Shack 21-549A
but it had a tinny, brash sound to it..."

Hello Ed,

The 21-549 isn't a 'full range' music speaker. It
is a 'communication/voice' speaker. Very useful if
one would need larger volume to be heard over noise
or if one is at some distance from the radio.

Is that what you mean by 'tinny/brash'?

If so, then it's a good 'tinny/brash',
considering what it is designed to do.

:D

I couldn't find the Optimus PRO-X88AV. Did you
mean the '880'? They probably sound fine, but
for my application, I didn't want to spend anymore
than around $20 for an external speaker for the R75.

This Pro-X33AV sounds just fine to me on my ICOM.
I'm curious about the XTS-50AV. I may try it.
I like the way it looks. I'll stop by the 'Shack
and see what the db sensitivity is.

What page (2002 catalog) is the XTS-25 on?

- Patrick

.

1330. Re: External Speakers for 'Better' and/or Louder Audio

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-20 02:38:47 UTC
From: pjrohio@ntr.net
Topic: 1312 Message: 1330

Dave,

Hmmmm. $20? I'll try an on-line search and see what I can find. However, since most of my SWL is in ESCC mode, I wonder if a speaker system like this would be worthy, yes/no?

- Patrick

.

1331. Re: [icomr75] Re: External Speakers for 'Better' and/or Louder Audio

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-20 03:36:27 UTC
From: Dave
Topic: 1314 Message: 1331

I find them very handy as a pleasant sounding general purpose speaker. For my R75 (strictly utes) I use a Bar Jan Pronouncer, 4" communications type speaker.

I also have a 10" RCA (Camden N.J.) movie projector speaker from the '30s I use on the Drake, when the computer's powered down. There's tons of cool sounding A/V stuff at Pawn Shops and Thrift Stores (DuKane, Webcor, etc.).

----- Original Message -----
From: pjrohio@...
To: icomr75@yahoogroups.com
Sent: Wednesday, March 20, 2002 02:38
Subject: [icomr75] Re: External Speakers for 'Better' and/or Louder Audio

Dave,

Hmmmm. $20? I'll try an on-line search and see what I can
find. However, since most of my SWL is in ESCC mode, I wonder
if a speaker system like this would be worthy, yes/no?

- Patrick

.

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[Non-text portions of this message have been removed]

1332. Re: External Speakers for 'Better' and/or Louder Audio

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-20 20:39:54 UTC
From: Eddie Bryant
Topic: 1314 Message: 1332

Hello Patrick and all,

> The 21-549 isn't a 'full range' music speaker. It
> is a 'communication/voice' speaker. Very useful if
> one would need larger volume to be heard over noise
> or if one is at some distance from the radio.
>
> Is that what you mean by 'tinny/brash'?

I use the 51-549 in the car for my ICOM amateur
radio and it sounds fine. Seems like when I am listening
here at home the smallest of things can be discerned that
would be drowned out and ignored when listening mobile.

I must admit the 51-549 was the loudest of all the
speakers I tried. But at the expense of a natural full audio
range.

I listen to mainly Amateur AM/SSB and some Broadcast
AM on my R75.

> I couldn't find the Optimus PRO-X88AV. Did you
> mean the '880'?

It's been years since I have bought any speakers at R-S.
It appears that Radio-Shack no longer carries any of the
ones I mentioned. As a matter of fact it appears the RCA
name is on all of the speakers I looked at in their catalog.

The Optimus PRO-X88AV was the correct number- Cat
#40-2084. I admit it is overkill with the tweeter but they
do sound good and they were not being used in my speaker
arsenal! I got most of these speakers when Radio Shack
would slash prices yearly. If you can wait around it's worth
it.

> This Pro-X33AV sounds just fine to me on my ICOM.
> I'm curious about the XTS-50AV.

The XTS-25 is a great sounding speaker and a recent
look through their catalog looks like they have discon-
tinue it too. It has a nice woodgrain finish and a single 4.0"
speaker. It is just the right size for the R75 and I picked
up several when they were on sale for around $15. It
apparently has been discontinued and I believe replaced
by the smaller XTS-50AV. Not too sure how it would
sound. I suspect the larger case of the Pro-X33AV

would sound better than the XTS-50AV but I may be
wrong.

All this is very subjective and what sounds best to me
may sound awful to another. I was surprised at what I
found out when I went to experimenting with an A/B
switch and the different speakers I had handy here.

As for Daves comment:

>"There's tons of cool sounding A/V stuff at Pawn Shops
> and Thrift Stores (DuKane, Webcor, etc.)."

I totally agree! A trip to any Goodwill or Salvation Army
or any other Thrift Shop sometimes reveals some good
and rare deals. Sometimes not.... So you have to be
persistent. But the wait is worth it and the price is usually
right !

Ed
N4UMJ

1333. Re: Smart Icom Control 32

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-22 14:14:40 UTC
From: njlar
Topic: 1307 Message: 1333

--- In icomr75@y..., "l42a1" <L42A1@h...> wrote:
> Has anyone tried using the Fineware Smart Icom Control 32
software?
> If so, what are your impressions?

I'd suggest you try the free demo. I was interested in the "click to tune" feature, but I found the database to be somewhat skimpy compared to Monitoring Times and even other free sources on the 'Net. Maybe someone knows if the "paid for" database when you register is better?

1334. Re: [icomr75] Re: Smart Icom Control 32

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-22 14:19:53 UTC
From: Mark J. Fine
Topic: 1307 Message: 1334

> --- In icomr75@y..., "l42a1" <L42A1@h...> wrote:
> tune" feature, but I found the database to be somewhat skimpy
> compared to Monitoring Times and even other free sources on the 'Net.

Interesting comment, considering my involvement with MT.

73,

Mark J. Fine / mark.fine@...
Remington, Virginia, USA

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- East Coast Monitor, Monitoring Times: http://www.grove-ent.com
- English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa

1335. Re: [icomr75] Re: Smart Icom Control 32

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-22 14:22:12 UTC
From: Dave
Topic: 1307 Message: 1335

The database seems the same to me. It's just English language programs. There's also a Utilities database.
----- Original Message -----
From: njlar
To: icomr75@yahoogroups.com
Sent: Friday, March 22, 2002 14:14
Subject: [icomr75] Re: Smart Icom Control 32

--- In icomr75@y..., "l42a1" <L42A1@h...> wrote:
> Has anyone tried using the Fineware Smart Icom Control 32 software?
> If so, what are your impressions?

I'd suggest you try the free demo. I was interested in the "click to tune" feature, but I found the database to be somewhat skimpy compared to Monitoring Times and even other free sources on the 'Net. Maybe someone knows if the "paid for" database when you register is better?

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[Non-text portions of this message have been removed]

1336. Re: infrared control?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-22 14:59:38 UTC
From: njlar
Topic: 1307 Message: 1336

I think generally you can "push buttons" in software, but you can't turn any analog knobs. As far as I know, that means you can't change the volume or work the PBT or RF gain/squelch.

Keep in mind that the voltage levels coming out of the stamp are TTL 0/5 volts instead which might or might not work with the R75 which theoretically needs standard RS-232. Or you can rig up a cable from the development board's DB9 port to the R75 - watch the pin-outs - I'm pretty sure a standard cable won't work.

--- In icomr75@y..., "Art Burke" <pianomanab@s...> wrote:
> Has anyone thought about interfacing a basicstamp II with the db9 on the
> r75?
> It seems like it could make a pretty slick infrared control, allowing you to
> change freq and
> other parameters remotely without a PC...
> Can you change the volume through software?
> I should be getting mine Tuesday, and look forward to a little
> experimentation.
>
> Thanks,
>
> Art
>
>
> [Non-text portions of this message have been removed]

1337. Re: External Speakers for 'Better' and/or Louder Audio

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-22 18:45:05 UTC
From: uncle_ziba
Topic: 1312 Message: 1337

I hooked up an old computer speaker (the passive one) and it works ok. I'm thinking about ripping off the plastic housing or drill some holes in it to get rid of some strange resonance at low end. Anything is better comparing to the R-75's tiny internal speaker.

I bought Sennheiser HD600 headphones a while ago for the hi-fi system. They are also fb for picking up DX. They are open design and I can wear them for 8+ hours without any discomfort. It's probably overkill and expensive if used just for SW listening.

73

--- In icomr75@y..., pjrohio@n... wrote:
> Dave,
>
> Hmmmm. $20? I'll try an on-line search and see what I can
> find. However, since most of my SWL is in ESCC mode, I wonder
> if a speaker system like this would be worthy, yes/no?
>
>
> - Patrick

1338. Re: [icomr75] Re: External Speakers for 'Better' and/or Louder Audio

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-22 19:05:14 UTC
From: Dave
Topic: 1314 Message: 1338

Back before Radio Shack, you could get a nice 8" full-range in an angled real wood box for $10. You still see them occasionally, in the funky part of town.
----- Original Message -----
From: uncle_ziba
To: icomr75@yahoogroups.com
Sent: Friday, March 22, 2002 18:45
Subject: [icomr75] Re: External Speakers for 'Better' and/or Louder Audio

I hooked up an old computer speaker (the passive one) and it works
ok. I'm thinking about ripping off the plastic housing or drill some
holes in it to get rid of some strange resonance at low end.
Anything is better comparing to the R-75's tiny internal speaker.

I bought Sennheiser HD600 headphones a while ago for the hi-fi
system. They are also fb for picking up DX. They are open design and
I can wear them for 8+ hours without any discomfort. It's probably
overkill and expensive if used just for SW listening.

73

--- In icomr75@y..., pjrohio@n... wrote:
> Dave,
>
> Hmmmm. $20? I'll try an on-line search and see what I can
> find. However, since most of my SWL is in ESCC mode, I wonder
> if a speaker system like this would be worthy, yes/no?
>
>
> - Patrick

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[Non-text portions of this message have been removed]

1339. Re: infrared control?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-22 19:19:22 UTC
From: grant390
Topic: 1307 Message: 1339

You can control both volume and squelch with the Icom CIV
communication protocol.

For an excellent web site the provides details on the Icom CIV
protocol, see: http://www.plicht.de/ekki/civ/

Good luck,
KD7OFV

--- In icomr75@y..., "njlar" <nospam4russell@c...> wrote:
> I think generally you can "push buttons" in software, but you can't
> turn any analog knobs. As far as I know, that means you can't
change
> the volume or work the PBT or RF gain/squelch.
>
> Keep in mind that the voltage levels coming out of the stamp are
TTL
> 0/5 volts instead which might or might not work with the R75 which
> theoretically needs standard RS-232. Or you can rig up a cable from
> the development board's DB9 port to the R75 - watch the pin-outs -
> I'm pretty sure a standard cable won't work.
>
>
>
> --- In icomr75@y..., "Art Burke" <pianomanab@s...> wrote:
> > Has anyone thought about interfacing a basicstamp II with the db9
> on the
> > r75?
> > It seems like it could make a pretty slick infrared control,
> allowing you to
> > change freq and
> > other parameters remotely without a PC...
> > Can you change the volume through software?
> > I should be getting mine Tuesday, and look forward to a little
> > experimentation.
> >
> > Thanks,
> >
> > Art
> >
> >
> > [Non-text portions of this message have been removed]

1340. RE: [icomr75] Re: infrared control?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-22 20:35:45 UTC
From: Art Burke
Topic: 1307 Message: 1340

Yes, but is this the same as communicating with the receiver through the DB9 port on the back?

Art
-----Original Message-----
From: grant390 [mailto:khgrant@...]
Sent: Friday, March 22, 2002 2:19 PM
To: icomr75@yahoogroups.com
Subject: [icomr75] Re: infrared control?

You can control both volume and squelch with the Icom CIV communication protocol.

For an excellent web site the provides details on the Icom CIV protocol, see: http://www.plicht.de/ekki/civ/

Good luck,
KD7OFV

--- In icomr75@y..., "njlar" <nospam4russell@c...> wrote:
> I think generally you can "push buttons" in software, but you can't
> turn any analog knobs. As far as I know, that means you can't change
> the volume or work the PBT or RF gain/squelch.
>
> Keep in mind that the voltage levels coming out of the stamp are TTL
> 0/5 volts instead which might or might not work with the R75 which
> theoretically needs standard RS-232. Or you can rig up a cable from
> the development board's DB9 port to the R75 - watch the pin-outs -
> I'm pretty sure a standard cable won't work.
>
>
>
> --- In icomr75@y..., "Art Burke" <pianomanab@s...> wrote:
> > Has anyone thought about interfacing a basicstamp II with the db9 on the
> > r75?
> > It seems like it could make a pretty slick infrared control, allowing you to
> > change freq and
> > other parameters remotely without a PC...
> > Can you change the volume through software?
> > I should be getting mine Tuesday, and look forward to a little
> > experimentation.
> >

> > Thanks,
> >
> > Art
> >
> >
> > [Non-text portions of this message have been removed]

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icomr75-unsubscribe@egroups.com

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[Non-text portions of this message have been removed]

1341. Re: infrared control?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-23 01:24:51 UTC
From: w1193
Topic: 1307 Message: 1341

The list of CI-V commands or the list of commands in the R-75 instruction manual work using either the CI-V jack OR the DB-9 pin serial port on the back of the radio. The only reason one would prefer to use the CI-V port over the serial port would be if he used a CI-V interface from Icom which allows up to 4 units to be controlled at once by assigning them each their own unit ID. By the way the receiver default ID of the Icom R75 is 5A(hex) which is 90 decimal.

ENJOY!

Wayne.

--- In icomr75@y..., "Art Burke" <pianomanab@s...> wrote:
> Yes, but is this the same as communicating with the receiver through the DB9
> port on the back?
>
> Art

1342. RE: [icomr75] Re: infrared control?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-23 02:12:01 UTC
From: Art Burke
Topic: 1307 Message: 1342

Thanks Wayne,

Art
-----Original Message-----
From: w1193 [mailto:w1193@...]
Sent: Friday, March 22, 2002 8:25 PM
To: icomr75@yahoogroups.com
Subject: [icomr75] Re: infrared control?

The list of CI-V commands or the list of commands in the R-75 instruction manual work using either the CI-V jack OR the DB-9 pin serial port on the back of the radio. The only reason one would prefer to use the CI-V port over the serial port would be if he used a CI-V interface from Icom which allows up to 4 units to be controlled at once by assigning them each their own unit ID. By the way the receiver default ID of the Icom R75 is 5A(hex) which is 90 decimal.

ENJOY!

Wayne.

--- In icomr75@y..., "Art Burke" <pianomanab@s...> wrote:
> Yes, but is this the same as communicating with the receiver through the DB9
> port on the back?
>
> Art

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[Non-text portions of this message have been removed]

1343. icr75.zip

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-23 17:59:53 UTC
From: antoine
Topic: 1343 Message: 1343

icr75.zip

[Non-text portions of this message have been removed]

1344. One day sale

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-23 19:26:49 UTC
From: Dave
Topic: 1344 Message: 1344

Just went to Ham Radio Outlet in Burbank. It's ICOM day. $50 off. Today only.
----- Original Message -----
From: antoine
To: Icomr75@Yahoogroups. Com
Sent: Saturday, March 23, 2002 17:59
Subject: [icomr75] icr75.zip

icr75.zip

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

1345. R75 vs R8B?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-24 18:08:13 UTC
From: b_scho
Topic: 1345 Message: 1345

Is the performance of the R75 with all of the Kiwa mods equal to the R8B? I have an R8B that was purchased used and am looking to purchase another receiver. I'm currently playing with the TEN-TEC RX-350 with 2 weeks to go on the 30 day trial. Great potential but I think they put it on the market a little to soon. Debating on sending it back and getting the R75.

Thanks...Bob

1346. Re: [icomr75] R75 vs R8B?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-25 13:48:04 UTC
From: Dave
Topic: 1345 Message: 1346

For me, it's apples and basketballs. The R8B is a smooth sounding receiver I use for program listening and some mainstream Utes (e.g. GHFS). The R75 is for utilities in SSB and difficult DX. The Ten-Tec is a lot of money, if you have doubts.

----- Original Message -----
From: b_scho
To: icomr75@yahoogroups.com
Sent: Sunday, March 24, 2002 18:08
Subject: [icomr75] R75 vs R8B?

Is the performance of the R75 with all of the Kiwa mods equal to the R8B? I have an R8B that was purchased used and am looking to purchase another receiver. I'm currently playing with the TEN-TEC RX-350 with 2 weeks to go on the 30 day trial. Great potential but I think they put it on the market a little to soon. Debating on sending it back and getting the R75.

Thanks...Bob

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[Non-text portions of this message have been removed]

1347. Re: [icomr75] R75 vs R8B?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-25 17:05:51 UTC
From: Bruce Jensen
Topic: 1345 Message: 1347

Hi, Bob - Even modified, the R75 does not have selectable sideband S-AM - that is, it is incapable of fully isolating the one desirable sideband from the other when the carrier is reinserted. One can approximate this using the PBT in the S-AM mode, but there can still be some bleedover from adjacent frequencies. Make no mistake, it is better by far than the unmodified R75, and it is really pretty darn good - but occasionally, there will be that station that responds *only* to using the ECSS method (which works beautifully on this radio).

Also, the R8B simply has more filters than the modified R75, and they can work in all modes. If you want to do utility work, you may want to grab another more snug filter for the R75.

The Drake is also said to have better audio; this is probably largely squared by the addition of either headphones or a decent external speaker. Being an SWL and DXer, who likes hams but without much interest in utes, the R75 with mods does everything I'd like with aplomb, and I cannot imagine the R8B could be much better for what I listen to.

The R75 also looks and feels really good :-)

Good luck with your decision!

Bruce Jensen
****
--- b_scho <bobs711@...> wrote:
> Is the performance of the R75 with all of the Kiwa
> mods equal to the
> R8B? I have an R8B that was purchased used and am
> looking to
> purchase another receiver. I'm currently playing
> with the TEN-TEC RX-
> 350 with 2 weeks to go on the 30 day trial. Great
> potential but I
> think they put it on the market a little to soon.
> Debating on
> sending it back and getting the R75.
>
> Thanks...Bob
>

>

Do You Yahoo!?
Yahoo! Movies - coverage of the 74th Academy Awards?
http://movies.yahoo.com/

1348. Re: Smart Icom Control 32

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-25 21:15:51 UTC
From: njlar
Topic: 1307 Message: 1348

Ok, Mark, so is the data in MT, the demo program, and the full program the same or different?

--- In icomr75@y..., "Mark J. Fine" <mark.fine@f...> wrote:
> > --- In icomr75@y..., "l42a1" <L42A1@h...> wrote:
> > tune" feature, but I found the database to be somewhat skimpy
> > compared to Monitoring Times and even other free sources on the 'Net.
>
> Interesting comment, considering my involvement with MT.
>
> 73,
>
> Mark J. Fine / mark.fine@f...
> Remington, Virginia, USA
>
> Serving the Shortwave Community since 1988:
> - Owner/Proprietor, FineWare: http://www.fineware-swl.com
> - East Coast Monitor, Monitoring Times: http://www.grove-ent.com
> - English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa

1349. Re: [icomr75] Re: Smart Icom Control 32

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-25 22:56:31 UTC
From: Mark J. Fine
Topic: 1307 Message: 1349

From: "njlar" <nospam4russell@...>
> Ok, Mark, so is the data in MT, the demo program, and the full
> program the same or different?

Short answer: At some point in time, all of the data was pretty much similar.

Long answer follows:

MT's Shortwave Guide consists solely of English Language broadcasts. So are the timed data in Smart Control (with some small well-known exceptions for some African stations). Smart Control's database also adds some non-timed utilities and broadcast band listings on top of that, regardless of version. That being said, the completeness and sheer quantity of the timed English broadcast data in all three are essentially the same. The *currency* of the data is a different story altogether:

1. MT is published monthly. I work with Gayle Van Horn to help her have the most up to date info for publication. Additionally, the changes I provide to SWBC Schedules on a periodic basis are the same ones that I provide to her. Other than that, I have absolutely zero authority to speak for MT on this issue, so I'll gracefully exit on that part of the issue right now.

2. I don't update the data that comes with the *demo* program(s) on a regular basis. Therefore, the data it comes with may be only current to the date of last release. Naturally this also varies from version to version (i.e., Icom vs. Drake vs. Kenwood, etc.). The idea of the demo is just that... to get an idea of how it's supposed to work, not to give you a free application that you can use forever. In fact, the license for each demo has a 60 day limitation although there's no physical timeout limiting it's use.

3. I do provide an updated data set with all newly registered versions. The full program also allows you to import the SWBC Schedules data. The alternative is that you can update the data on your own - also a capability in the full version. SWBC Schedules data is now provided free of charge to everyone, so there's no longer that restriction. Now for the fun part - I actually build SWBC Schedules from my local copy of Smart R8 Control, then run a second program to export it into the dBase format.

So if you originally meant the currency of the data may be different in all three - yes, that may be true. It's the term "skimpy" that I take issue with.

Hopefully, I've answered this question as completely as possible (and put it to bed). If you or anyone else has any other questions, recommend we take

this off-line from the R75 Group. It may be interesting to some people, but not really pertinent to the R75 per se.

73,

Mark J. Fine / mark.fine@...
Remington, Virginia, USA

Serving the Shortwave Community since 1988:
- Owner/Proprietor, FineWare: http://www.fineware-swl.com
- East Coast Monitor, Monitoring Times: http://www.grove-ent.com
- English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa

1350. Re: R75 vs R8B?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-25 18:28:54 UTC
From: lucretius3
Topic: 1345 Message: 1350

--- In icomr75@y..., Bruce Jensen <bpnjensen@y...> wrote:
> Hi, Bob - Even modified, the R75 does not have
> selectable sideband S-AM - that is, it is incapable of
> fully isolating the one desirable sideband from the
> other when the carrier is reinserted. One can
> approximate this using the PBT in the S-AM mode, but
> there can still be some bleedover from adjacent
> frequencies.

I haven't noticed any bleedover with the 3.8 filter. Could you describe it?

The 7030+ works the same way as the R75. I've never heard anyone complain.

The other thing is that on the R75 in S-AM mode, I think the radio chooses the better sideband (when shift == 0) cancelling the remaining one out -- maybe someone can confirm this?

> Make no mistake, it is better by far
> than the unmodified R75, and it is really pretty darn
> good - but occasionally, there will be that station
> that responds *only* to using the ECSS method (which
> works beautifully on this radio).

What do you mean by far better? Most of the time, the ECSS method produces goods results on the R75.

> Also, the R8B simply has more filters than the
> modified R75, and they can work in all modes. If you
> want to do utility work, you may want to grab another
> more snug filter for the R75.

You can have as many filters with similar values in the R75 if you so choose.

> The Drake is also said to have better audio; this is
> probably largely squared by the addition of either
> headphones or a decent external speaker. Being an SWL
> and DXer, who likes hams but without much interest in
> utes, the R75 with mods does everything I'd like with
> aplomb, and I cannot imagine the R8B could be much
> better for what I listen to.

The R8B audio is mellow (like a french horn versus an electric guitar) and sometimes the bass is a little dark/muddy (difficult to make out the detail). One should also note that there is an audio

filter in the path of the sync detector on the R8B -- this helps to
give the illusion that there is a benefit.

--
M2

1351. Re: R75 vs R8B?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-26 00:08:19 UTC
From: just_rtfm
Topic: 1345 Message: 1351

hi Bob:

i almost forgot... can you give us a list of what you like and
dislike about the RX-350... just curious. tia.

phil :)

1352. R-75 vrs R8B

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-26 12:15:43 UTC
From: atagrasin
Topic: 1352 Message: 1352

Hi FRiENDS:
I put side by side a R-75 and a R8b and
receive some E-mail from over the world from people who did the same
test I experienced that the R-75 outperform the R8B in SENSITIVITY in
very weak signal[sometimes when I only listen noise in the R8B I can
listen to programs in the R-75],in SOUND[the bassy sound[thats why
drake sell a speaker for the R8 series] don't let you to pick up the
words cleary[in very weak stations] like you can listen in the R-75
that has a clear sound with his no "bassy" speaker.In SELECTIVITY the
R-75 with his kiwa filter 3.8 performe alike the R-8B 4khz filter.You
can tune the r-75 in 1khz increment [with the R8B no].The R-75 go to
60MHZ the R8B only
30MHZ.About the R8B sync myth for the R8B the sync det is a live or
dead issue.Remember the R8B circuit is 10 years old[from the
discontinued R8].And have PLL flaws that you correct with the sync
det.My R-75 now is working but I do not need to use it to
often,because the R-75 have an stable circuit. The R-75 has a DSP
for wipe out some noise but with the R8B if
you have some noise the only think you can do is turn the tone
control down but in the place of noise the "bassy" sound increment and
now you have a "bassy hiss", this is worst than the hiss alone.The
Icom too is super for utility.Icom with a super discount let us with
some money to improve the flaws of the R-75 for less than
$150.00.With a complete mod R75 you spend a total $680.00 and save
$700.00 over the R8B.Really is not the price but the R-75 performance
that count.

1353. R8B-VRS R-75 post data

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-26 14:46:45 UTC
From: atagrasin
Topic: 1353 Message: 1353

HI BOB:Another issue with the R8B is that it run very hot,and you know heat is the very bad for electronic components.If you turn off the R8B it keep generating heat inside,but if you pull out the AC plug memories goes. Some R8B owner recomend to use an external power supply[12v].If someone argue that the R-75 need some mod[upgrades] for true performance tell this people that the PRO'S Watkins-Johnson [$5,000]Ten-tec RX-340[$4,000]and Icom IC-R-9000[$8,000]have flaws out of box and need some mod[like add an sherwood SE-3.You see the R-75 are in good company[with this PRO's].That's why the Owners of this R-75 are call "The Sect"[Comanded by Phil] because they spell out the expensive R8-B and other "top receivers" myths.Truly there is no perfect receiver.Beware of profesionals reviews magazines who sell advertasings for receivers companies.Be wise an test yourself first.

1354. Re: [icomr75] R-75 vrs R8B

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-26 16:37:28 UTC
From: Bruce Jensen
Topic: 1352 Message: 1354

This is good to hear! Can we post this on
rec.radio.shortwave, just to stir things up? ;-)

Bruce Jensen
****
--- atagrasin <k1c2@...> wrote:
> Hi FRiENDS:
> I put side by side a R-75 and a R8b and
> receive some E-mail from over the world from people
> who did the same
> test I experienced that the R-75 outperform the R8B
> in SENSITIVITY in
> very weak signal[sometimes when I only listen noise
> in the R8B I can
> listen to programs in the R-75],in SOUND[the bassy
> sound[thats why
> drake sell a speaker for the R8 series] don't let
> you to pick up the
> words cleary[in very weak stations] like you can
> listen in the R-75
> that has a clear sound with his no "bassy"
> speaker.In SELECTIVITY the
> R-75 with his kiwa filter 3.8 performe alike the
> R-8B 4khz filter.You
> can tune the r-75 in 1khz increment [with the R8B
> no].The R-75 go to
> 60MHZ the R8B only
> 30MHZ.About the R8B sync myth for the R8B the sync
> det is a live or
> dead issue.Remember the R8B circuit is 10 years
> old[from the
> discontinued R8].And have PLL flaws that you correct
> with the sync
> det.My R-75 now is working but I do not need to use
> it to
> often,because the R-75 have an stable circuit. The
> R-75 has a DSP
> for wipe out some noise but with the R8B if
> you have some noise the only think you can do is
> turn the tone
> control down but in the place of noise the "bassy"
> sound increment and
> now you have a "bassy hiss", this is worst than the
> hiss alone.The
> Icom too is super for utility.Icom with a super

> discount let us with
> some money to improve the flaws of the R-75 for less
> than
> $150.00.With a complete mod R75 you spend a total
> $680.00 and save
> $700.00 over the R8B.Really is not the price but the
> R-75 performance
> that count.
>
>

=====
Bruce Jensen, associate of:
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
American Coaster Enthusiasts http://www.aceonline.org/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

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http://movies.yahoo.com/

1355. R-75 vrs R8B

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-26 22:33:20 UTC
From: atagrasin
Topic: 1352 Message: 1355

HI Bruce:Thats a good Idea but I have posted about that one month ago in that group.Our army comanded by Phil,put all the facts[no oppinions or reviews by advertaising sellers,and the drake owners at last understand our point,their receiver is good but they have to respect the R-75, a performer side by side with any tabletop receiver and after the Kiwa mods[about $150.00]one of the top of the line receiver in any categorie.I have a friend[an engineer who own a Racal pro receiver[$5,000]an E-mail me that after did the sensitive mod the R-75 now is more sensitive than the Pro Racal.The owners of R-75 don't have to think that they have to spend over a thousand of dollars looking for the True receiver they have a true top receiver but sometimes the propaganda or the so call "reviews"make them doubt that.The war shout now is "put your receiver side by side with mod R-75 and let see what happen"

1356. R75 DSP Deal Extended!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-26 22:50:35 UTC
From: b_scho
Topic: 1356 Message: 1356

I sent an email to ICOM about the current free DSP deal and here's
the response:

>Bob
>The free UT106 offer has been extended to June 30th for all
authorized
>Icom dealers.
>
>
>Gerd
>www.icomamerica.com
>

>>Subject: IC-R75
>>
>>
>>Has the free DSP offer for the R75 been extended to June? Universal
>>Radio, on it's web site, has June 30 as the expiration date.
>>
>>Thanks...Bob

>> Bob Schoenleber
>> Bucks County,PA
>>40 14' 44"N**74 50'47"W
>>"On the Delaware River"

1357. Re: R8B-VRS R-75 post data

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-26 23:20:17 UTC
From: just_rtfm
Topic: 1353 Message: 1357

hi Ken! :D

> Truly there is no perfect receiver.

you're totally right Ken! the R-75 is not perfect but since we have such a great r75 community (and some individuals talented in electronics!) many of the mods that we want are already well documented. i am gathering parts and my soldering iron is ready. if the broken sync is what kept ICOM selling their unit at $520 instead of $1000 i hope it's broke in their next version too ;).

phil :)

1358. New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-26 23:39:51 UTC
From: icomr75@yahoogroups.com
Topic: 242 Message: 1358

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the icomr75
group.

File : /Photos/philcoke.jpg
Uploaded by : just_rtfm <just_rtfm@...>
Description : R-75 Size (from Phil's future website)

You can access this file at the URL

http://groups.yahoo.com/group/icomr75/files/Photos/philcoke.jpg

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

just_rtfm <just_rtfm@...>

1359. Re: [icomr75] New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-26 23:50:22 UTC
From: Bruce Jensen
Topic: 242 Message: 1359

Oh, yeah? *MY* R75 is bigger than *YOUR* R75 ;-)

Bruce Jensen
****
--- icomr75@yahoogroups.com wrote:
>
> Hello,
>
> This email message is a notification to let you know
> that
> a file has been uploaded to the Files area of the
> icomr75
> group.
>
> File : /Photos/philcoke.jpg
> Uploaded by : just_rtfm <just_rtfm@...>
> Description : R-75 Size (from Phil's future
> website)
>
> You can access this file at the URL
>
>
http://groups.yahoo.com/group/icomr75/files/Photos/philcoke.jpg
>
>
> To learn more about file sharing for your group,
> please visit
>
> http://help.yahoo.com/help/us/groups/files
>
> Regards,
>
> just_rtfm <just_rtfm@...>
>
>
>
>
>
>

=====
Bruce Jensen, associate of:
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
American Coaster Enthusiasts http://www.aceonline.org/

ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

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Yahoo! Movies - coverage of the 74th Academy Awards?
http://movies.yahoo.com/

1360. Re: New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-27 00:20:50 UTC
From: just_rtfm
Topic: 242 Message: 1360

> Oh, yeah? *MY* R75 is bigger than *YOUR* R75 ;-)

LOL. hi Bruce!

phil :)

1361. Speaker Impedance and LA4425A

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-27 02:18:39 UTC
From: just_rtfm
Topic: 1361 Message: 1361

hi everyone:

i looked up the spec sheet for the R-75's audio power amplifier (LA4425A) and although it can handle an operating load from 2 to 8 ohms, it states that 4 ohms is the recommended load resistance. since the chip is really a car stereo amplifier i suspect the 4 ohms it is aimed at are two 8 ohm speakers wired in parallel. has anyone used this configuration externally? any thoughts?

phil :)

1362. Re: Speaker Impedance and LA4425A

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-27 03:04:50 UTC
From: uncle_ziba
Topic: 1361 Message: 1362

I just measured the resistance of the old computer speaker I was using on my R-75 and it's 4 ohm. That explains why it gets loud very fast as I'm turning the volume knob. I don't think anything bad can happen as long as you don't turn past 12 o'clock. Otherwise the amp may start to heat up. I wonder if it is located anywhere near circuits that may be affected by extra heat?

regards,

--
Vasiliy

--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> hi everyone:
>
> i looked up the spec sheet for the R-75's audio power amplifier
> (LA4425A) and although it can handle an operating load from 2 to 8
> ohms, it states that 4 ohms is the recommended load resistance.
since
> the chip is really a car stereo amplifier i suspect the 4 ohms it
is
> aimed at are two 8 ohm speakers wired in parallel. has anyone used
> this configuration externally? any thoughts?
>
> phil :)

1363. Re: R75 vs R8B?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-27 03:28:11 UTC
From: craigm55901
Topic: 1345 Message: 1363

> The other thing is that on the R75 in S-AM mode, I think the radio
> chooses the better sideband (when shift == 0) cancelling the
remaining
> one out -- maybe someone can confirm this?
>

There is absolutely nothing in the spec for the Motorola chip used to
support this idea. I suspect a little wishful thinking.

> The R8B audio is mellow (like a french horn versus an electric
> guitar) and sometimes the bass is a little dark/muddy (difficult to
> make out the detail). One should also note that there is an audio
> filter in the path of the sync detector on the R8B -- this helps to
> give the illusion that there is a benefit.
>
There is no extra filter in the signal path, unless you are referring
to the phase shifter which is part of the detector. BTW, ssb and sync
go through the exact same signal path.

Craig

1364. Re: Speaker Impedance and LA4425A

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-27 03:58:12 UTC
From: just_rtfm
Topic: 1361 Message: 1364

hi Vasiliy!

thanks for your input! i am still working on a mod to equalize the R-75's ECSS and AM volume. i realize that a mod exists to decrease the AM chip's output; however, i believe the SSB chain has inadequate gain. when i turn the AGC off on both AM and SSB... and turn the AM volume till i can barely hear the station... then switch to SSB... i have to turn the volume very far to the right.

to complicate things an increase in RF gain will equalize this: someone e-mailed me and suggested that this could be caused by the carrier's effect on the AGC when doing ECSS. i believe the problem is due to the AM chip providing a greater gain than the MC1496 mixer does on SSB. i am not an EE... i need help! lol.

the main volume control seems pretty touchy... God help anyone who turns it all the way to the right lol... maybe this needs fixing too.

> I wonder if it is located anywhere near
> circuits that may be affected by extra heat?

i am honestly unsure of the layout. i believe the chip is capable of ~1 Watt in its current setup; it is only rated at 7.5 Watts with proper heat sink.

phil :)

1365. Drake audio and filters vs Icom

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-27 04:05:23 UTC
From: frscistercian
Topic: 1365 Message: 1365

I have an R8A, and a friend has an R8B.The sync am on the B is real nice for program listening, however for weak SSB use the drake audio is poor.In addition, the shape factor of the drake filters is not too good...I would like steeper skirts.I hear too much leakage from strong adjacent signals, even with the 1.8kc filter.The pbt is little help, since by the time the leakage is gone the audio is real poor.I dont have a R75.I use a R-8500.This has exactly 1 selectivity for SSB.And in use, it nukes the drakes.It has nice clear audio, better sensitivity, and recovers listenable signals where the drakes produce bassy mud.I wanted full spectrum coverage, so the 8500 over the 75 here.But I suspect the 75 is the hardcore ute/dxers choice vs the Drakes, and the price difference is extreme.The Drakes are nice for the program types.....but I like my Icom a lot more.If full spectum is not an issue, the R75 has to be the king.As to comments on the WJ and ten-tec monsters.....these kilobuck rigs have problems that will drive the fastidious insane.The WJ features digital hash in the audio (how lame is that) and the ten-tec's close in dynamic range is bad.VERY bad.That said, they do recover audio really well.But their flaws combined with the high price would have me climbing the walls. Don't believe the hype.If you cant hear it with a 75, go with a bigger antenna.In the future,when 32 and 64 bit DSP at higher frequencys than currently exist become common, a paradigm shift in performance will occur...but the current stuff doesn't meet my price vs performance criteria yet.
R75 vs R8B......R75.

1366. Re: R75 vs R8B?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-27 05:01:34 UTC
From: lucretius3
Topic: 1345 Message: 1366

--- In icomr75@y..., "craigm55901" <camenning@c...> wrote:
>
> > The other thing is that on the R75 in S-AM mode, I think the radio
> > chooses the better sideband (when shift == 0) cancelling the
> remaining
> > one out -- maybe someone can confirm this?
> >
>
> There is absolutely nothing in the spec for the Motorola chip used
to
> support this idea. I suspect a little wishful thinking.

Perhaps I was thinking of the blend and noise reduction feature of the
Motorola chip, whereby the (stereo) co-channel interference with a
large L-R component is reduced (blended) producing a monaural signal.

> > The R8B audio is mellow (like a french horn versus an electric
> > guitar) and sometimes the bass is a little dark/muddy (difficult
to
> > make out the detail). One should also note that there is an audio
> > filter in the path of the sync detector on the R8B -- this helps
to
> > give the illusion that there is a benefit.
> >
> There is no extra filter in the signal path, unless you are
referring
> to the phase shifter which is part of the detector. BTW, ssb and
sync
> go through the exact same signal path.

I read it in Drake literature. When I find it again, I'll post it.

--
M2

1367. Re: Drake audio and filters vs Icom

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-27 05:01:54 UTC
From: just_rtfm
Topic: 1365 Message: 1367

hi frscistercian:

thanks for your input and honesty. i agree with you! all receivers have flaws; i would rather have the one that is $520 with a great user community and documented mods. the R-75 has a solid PLL, fine tuning steps, sensitivity, twin PBT, and DSP ANF & NR. God help someone who tries to add these features to a rig as a mod. :D

i may put a 3.1 kHz kiwa premium filter module into my R-75 for ECSS... it is $75 and provides ~100 dB ultimate rejection.

i suspect ICOM will take it's 756 Pro II's DSP technology and dump it into their next receiver. btw, i have heard a /lot/ of good things about that R-8500!

phil :)

1368. Re: Drake audio and filters vs Icom

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-27 05:11:12 UTC
From: lucretius3
Topic: 1365 Message: 1368

--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> i suspect ICOM will take it's 756 Pro II's DSP technology and dump
> it into their next receiver.

I'll take the DSP but I do not particularly like the sound quality of the 756PROII. And when it comes to basics, it's not a better (or worse) performer than the R75.

> btw, i have heard a /lot/ of good things
> about that R-8500!

The R8500 is a little outdated, though it has great blocking performance. Now if only they can take the R8500 and update it with some SWL features and filters, and maybe even DSP (maybe add some trunking abilities for UHF and increase the scanning speed), etc. That would be a killer receiver.

--
M2

1369. Re: R75 vs R8B?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-27 05:59:33 UTC
From: lucretius3
Topic: 1345 Message: 1369

> > There is no extra filter in the signal path, unless you are
> referring
> > to the phase shifter which is part of the detector. BTW, ssb and
> sync
> > go through the exact same signal path.
>
>
> I read it in Drake literature. When I find it again, I'll post it.

I can't find the literature anywhere but if someone has a block diagram etc. would you be kind enough to confirm whether there is an audio filter in the audio amp section?

Anyway, one reviewer on eham.net wrote about the R8B:
"The radio has a "warm" sound that is most pleasing to listen to, although one must consider that some of that sound is a result of a 5KHz audio filter that is inside the design of the audio amp section of the radio. It would be nice to have a little more high freqency response in AM Broadcast."

--
M2

1370. Re: R75 vs R8B?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-27 13:03:57 UTC
From: craigm55901
Topic: 1345 Message: 1370

--- In icomr75@y..., "lucretius3" <m.moore@u...> wrote:
> > > There is no extra filter in the signal path, unless you are
> > referring
> > > to the phase shifter which is part of the detector. BTW, ssb
and
> > sync
> > > go through the exact same signal path.
> >
> >
> > I read it in Drake literature. When I find it again, I'll post
it.
>
> I can't find the literature anywhere but if someone has a block
> diagram etc. would you be kind enough to confirm whether there is
an
> audio filter in the audio amp section?
>
> Anyway, one reviewer on eham.net wrote about the R8B:
> "The radio has a "warm" sound that is most pleasing to listen to,
> although one must consider that some of that sound is a result of a
> 5KHz audio filter that is inside the design of the audio amp
section
> of the radio. It would be nice to have a little more high freqency
> response in AM Broadcast."
>

There is a 5 kHz filter in the audio. It is used for all modes.

Craig

1371. Re: Speaker Impedance and LA4425A

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-28 04:01:16 UTC
From: uncle_ziba
Topic: 1361 Message: 1371

Phil,

Hmm, I just typed a long response to your message and got an error on yahoo server. I think it got lost. I'm to lazy to type it again:)

In short, the reason you see the volume difference with AGC off is because you are discarding some of the signal strength by switching from AM to SSB and not compensating it by increasing the RF gain. To understand this better, review how each type of demodulation works.

You can also confirm this by looking at S-Meter as you switch from AM to SSB (with F.AGC on and RF gain at 12 o'clock). You will see that the signal drops a couple of S points.

I agree the volume knob is sensitive when listening to a +40 db AM station. But it comes handy for hams trying to copy a CW signal at noise level on a quiet band. You really have to crank it up (possibly with pream on) to get advantage of a low noise antenna and the reciever's great sensetivity.

best regards,

--
Vasiliy
--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> hi Vasiliy!
>
> thanks for your input! i am still working on a mod to equalize the
R-
> 75's ECSS and AM volume. i realize that a mod exists to decrease
the
> AM chip's output; however, i believe the SSB chain has inadequate
> gain. when i turn the AGC off on both AM and SSB... and turn the AM
> volume till i can barely hear the station... then switch to SSB...
i
> have to turn the volume very far to the right.
>
> to complicate things an increase in RF gain will equalize this:
> someone e-mailed me and suggested that this could be caused by the
> carrier's effect on the AGC when doing ECSS. i believe the problem
is
> due to the AM chip providing a greater gain than the MC1496 mixer
> does on SSB. i am not an EE... i need help! lol.
>
> the main volume control seems pretty touchy... God help anyone who
> turns it all the way to the right lol... maybe this needs fixing

too.
>
> > I wonder if it is located anywhere near
> > circuits that may be affected by extra heat?
>
> i am honestly unsure of the layout. i believe the chip is capable
of
> ~1 Watt in its current setup; it is only rated at 7.5 Watts with
> proper heat sink.
>
> phil :)

1372. Re: Speaker Impedance and LA4425A

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-28 04:43:40 UTC
From: just_rtfm
Topic: 1361 Message: 1372

hi Vasiliy!

thanks for the response, what you said makes sense. looking at the schematic the AGC circuit is fed right before the AM chip and SSB mixer. the mixer may have slight gain but the AM chip is capable of much more gain. do some manufacturers use an audio AGC to keep the level constant (no matter which mode or filter) that is being fed to the audio amp?

i drew up a more simple solution using an op amp with variable resistor to increase the gain to the point where SSB and AM are at least somewhat similar in level... i need someone to look it over.

btw, this messageboard likes to eat messages! i copy my message now before sending... just in case :D.

phil :)

1373. Re: Speaker Impedance and LA4425A

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-28 13:49:39 UTC
From: uncle_ziba
Topic: 1361 Message: 1373

--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
>do some manufacturers use an audio AGC to keep the
> level constant (no matter which mode or filter) that is being fed
to
> the audio amp?

You are talking about automatic volume control - AVC. You should be
able to find many schematics with it.

1374. Re: [icomr75] Re: Speaker Impedance and LA4425A

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-28 16:31:45 UTC
From: Bruce Jensen
Topic: 1361 Message: 1374

--- uncle_ziba <uncle_ziba@...> wrote:

> I agree the volume knob is sensitive when listening
> to a +40 db AM
> station. But it comes handy for hams trying to copy
> a CW signal at
> noise level on a quiet band. You really have to
> crank it up
> (possibly with pream on) to get advantage of a low
> noise antenna and
> the reciever's great sensetivity.

To be honest, the AF Gain is the one knob on my R75 that is less than 100% satisfactory. For some reason, it seems that at low to mid-volumes, the knob is "jumpy," that is, the volume increases stepwise instead of linearly at a couple of points. This is most critical when using headphones. I think the potentiometer in the knob is bad or dirty, but either way, it is the one problem I have with the radio.

Bruce Jensen

_____
Do You Yahoo!?
Yahoo! Movies - coverage of the 74th Academy Awards?
http://movies.yahoo.com/

1375. Re: Speaker Impedance and LA4425A

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-28 23:40:30 UTC
From: just_rtfm
Topic: 1361 Message: 1375

hi uncle_ziba:

you are absolutely correct, it is an AVC. some person was kind enough to e-mailed me the idea a bit back. i have drawn up an amplification circuit using the same op amp that ICOM has the AF select fed into... just need someone who can check my diagram for me... any EE's on here? :D.

phil :)

1376. Re: Speaker Impedance and LA4425A

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-28 23:42:13 UTC
From: just_rtfm
Topic: 1361 Message: 1376

hi Bruce:

i totally agree... the AF Gain seems off. i made up a list of things
i would like to change about my R-75 and plan on moding them in time:

1 - volume control flakey
2 - SSB volume too low
3 - BCB attenuator bypass switch (mod exists)
4 - ECSS filter for fidelity (mod exists)
5 - AM AGC flakey (mod exists)

phil :)

1377. Re: [icomr75] Re: R75 vs R8B?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-26 06:22:22 UTC
From: Bruce Jensen
Topic: 1345 Message: 1377

--- lucretius3 <m.moore@...> wrote:
> --- In icomr75@y..., Bruce Jensen <bpnjensen@y...>
> wrote:
> > Hi, Bob - Even modified, the R75 does not have
> > selectable sideband S-AM - that is, it is
> incapable of fully isolating the one desirable
sideband from the other when the carrier is
reinserted. One can approximate this using the PBT in
the S-AM mode, but there can still be some bleedover
from adjacent frequencies.
>
> I haven't noticed any bleedover with the 3.8 filter.
> Could you describe it?

Simply, adjacent stuff getting by the skirts of the
filter. The edge of the filter is not absolute, and a
strong enough signal will interfere on S-AM using the
3.8 filter, even with the passband turned away, where
the right sideband will cut it out.

> The 7030+ works the same way as the R75. I've never
> heard anyone complain.

I don't know what the 7030+ does - is it selectable
sideband? If so, then it does not do the same thing
as the R75, which is not sideband-selectable

> The other thing is that on the R75 in S-AM mode, I
> think the radio chooses the better sideband (when
shift == 0) cancelling the remaining one out -- maybe
someone can confirm this?<

No - the S-AM on the R75 is double sideband, and to
reduce one of them, one must turn the PBT to one side.

> > Make no mistake, it is better by far than the
unmodified R75, and it is really pretty darn good -
but occasionally, there will be that station that
responds *only* to using the ECSS method (which works
beautifully on this radio).<

> What do you mean by far better? Most of the time,
> the ECSS method produces goods results on the R75.

That's what I said :-)...but the modified S-AM on the
R75 is "better by far" than the unmodified S-AM.
That's my story and I'm-a stickin' to it.

> > Also, the R8B simply has more filters than the
> > modified R75, and they can work in all modes. If
> you want to do utility work, you may want to grab
> another more snug filter for the R75.
>
> You can have as many filters with similar values in
> the R75 if you so choose.

If you purchase them and put them in the right spots
- but then the PBT only works with the 450kHz IF
filters (the 6 and the 2.4 stock, the 6, 3.8 and 2.4
modified), and not the 455's. For example, if you get
the 3.3kHz 455kHz IF filter from Icom, it will give
you narrower filtration, but you won;t be able to
"passband" those pesky signals out of the way. The
R8B is a bit more agile in this regard.

Bruce Jensen
****
>
>
> > The Drake is also said to have better audio; this
> is
> > probably largely squared by the addition of either
> > headphones or a decent external speaker. Being an
> SWL
> > and DXer, who likes hams but without much interest
> in
> > utes, the R75 with mods does everything I'd like
> with
> > aplomb, and I cannot imagine the R8B could be much
> > better for what I listen to.
>
> The R8B audio is mellow (like a french horn versus
> an electric
> guitar) and sometimes the bass is a little
> dark/muddy (difficult to
> make out the detail). One should also note that
> there is an audio
> filter in the path of the sync detector on the R8B
> -- this helps to
> give the illusion that there is a benefit.
>
>
> --
> M2
>
>

=====
Bruce Jensen, associate of:
The Astronomy Connection http://observers.org/

Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
American Coaster Enthusiasts http://www.aceonline.org/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

_____
Do You Yahoo!?
Yahoo! Movies - coverage of the 74th Academy Awards?
http://movies.yahoo.com/

1378. R-75 VS R8B

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-26 00:27:53 UTC
From: atagrasin
Topic: 1378 Message: 1378

HI Bob:Yes a modified R-75 not only performe equal but in some issues surpas the R8B.The R8B fame is a myth,is only a good receiver for program listening.I dispell the myth testing side by side one R8B in perfect conditions with a mod R-75.Remember that the R8B is a 10 years old circuit[of the discontinued R8]with some modifications.I have the opportunity to test some R8B[including a new one]side by side with the same antenna and my mod R-75 win hands down in sensitivity to very weak signals dixing,more clear sound[the R8B sound is too bassy and when you use the tone control you only add "hissybass".There is a lot of birdies and noise [internal generate by the display, wiring and other sources in some frequencies that in some conditions that moved the signal meter to S5.The passport white papers in page 16[an other pages]talk about this flaws and write that the R7[drake old version]in some important things is better than the R8B.This flaws vary with different R8B versions.This Drake run very hot[some owners recomend use a 12v external power supply.About the filter in the R8B, with the kiwa 3.8khz in the R-75 you don't go to have problems .After the kiwa mod you have 6,3.8,2.4 options for your program listening.The sync can be fix very easy or include in the kiwa mods,My R-75 lock the signal and perform ok but with the overall stability and AGC mod[only add 1 cap] of this receiver you don't need to use the sync det too often.The drake PLL flaws in his receiver make the sync det a life or dead issue for the R8B.An remember the Drake no have 2 very clean pre-amps,tunning up to 60Mhz in 1khz increment,and the R-75 have a very god twin PBT and include for free an DSP.With all this features including if you modified it with Kiwa you pay for all only about a total $675.00.You save about $700.00 compare with the R8B [$1,379].Owners of the R8B who spend $1,379 no are go to admit the flaws of his expensive receiver,but I find in a lot of post in googles group and other sites from some honest R8B owners that admit his receiver is no perfect [there is no perfect receiver in any price all have flaws].Bob go and upgrade that R-75 and wait 5 years for see if a truly good receiver appear.with the R-75 the price is not the issue is the performance.If someone tell you the R-75 need upgrades tell him the PRO'S [$5,000] Watkins-Johnson,Ten-Tec-340[$4,000]and other need mod for best performance you see?The R-75 is in good company .

1379. Re: R75 vs R8B?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-26 03:12:20 UTC
From: just_rtfm
Topic: 1345 Message: 1379

hi M2!

hello. thanks for the informative post! do you know where i can get a block diagram or schematic of the drake R8B online? thanks.

phil :)

1380. Re: R75 vs R8B?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-26 01:13:10 UTC
From: lucretius3
Topic: 1345 Message: 1380

--- In icomr75@y..., Bruce Jensen <bpnjensen@y...> wrote:
> Hi, Bob - Even modified, the R75 does not have
> selectable sideband S-AM - that is, it is incapable of
> fully isolating the one desirable sideband from the
> other when the carrier is reinserted. One can
> approximate this using the PBT in the S-AM mode, but
> there can still be some bleedover from adjacent
> frequencies.

Bleedover? Please describe.

> Make no mistake, it is better by far
> than the unmodified R75, and it is really pretty darn
> good

The sync detector works well on the R8B, if that's what you mean -- I wouldn't say the R8B is better by far. A sync detector shouldn't be needed all that often -- except on radios like the R8B where the sync detector must compensate for drift and large tuning steps. Plus, sticking that audio filter in the path of the sync detector on the R8B cuts off the highs, giving the illusion of good performance, but really cutting off fidelity -- it doesn't sound a little bassy for nothing.

> - but occasionally, there will be that station
> that responds *only* to using the ECSS method (which
> works beautifully on this radio).
>
> Also, the R8B simply has more filters than the
> modified R75

You can add .5, 1.8/1.9, & 3.8 kHz filters to the R75 giving it similar filter options as the R8B (which allows no choice).

> and they can work in all modes. If you
> want to do utility work, you may want to grab another
> more snug filter for the R75.

The only mode restriction there is on the R75 is that the optional filter in then 455 kHz slot (one filter) will not work with the synchronous detector. It's not much of a setback.

> The Drake is also said to have better audio;

This is questionable. The Drake does have a mellow sound with a bass that's sometimes a little dark/muddy -- kind of like tube radios. If you prefer this, than Drake is your choice here. But there's nothing

wrong with the sound of a modified R75 with an external speaker. The
Drake also needs an external speaker to get the best sound.

> this is
> probably largely squared by the addition of either
> headphones or a decent external speaker. Being an SWL
> and DXer, who likes hams but without much interest in
> utes, the R75 with mods does everything I'd like with
> aplomb, and I cannot imagine the R8B could be much
> better for what I listen to.
>
> The R75 also looks and feels really good :-)

And the buttons don't stick, and the tuning knob is real nice.

--
M2

1381. Re: R75 vs R8B?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-26 00:03:47 UTC
From: just_rtfm
Topic: 1345 Message: 1381

hi Bob:

> Is the performance of the R75 with all of the Kiwa mods equal
> to the R8B?

i would agree with Bruce (hi Bruce!). many of us get the R-75 and will modify it to prevent us from having to spend over $1000 for a receiver like the drake. i use the R-75 mostly for UTEs and this is where the R-75 shines. as far as the S-AM goes i know it is fixable but for me it is of no interest: i use ECSS for AM.

the R-75 is a great receiver, just make sure you have something to gain by getting it: maybe you want a backup unit, or you like that it is small, or you want to take it in the car, or you're into utilities and amateur listening. let me also suggest you consider the AOR 7030+.

phil :)

1382. Re: R75 vs R8B?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-29 13:23:51 UTC
From: craigm55901
Topic: 1345 Message: 1382

--- In icomr75@y..., "lucretius3" <m.moore@u...> wrote:
> --- In icomr75@y..., Bruce Jensen <bpnjensen@y...> wrote:
> detector must compensate for drift and large tuning steps. Plus,
> sticking that audio filter in the path of the sync detector on the
R8B
> cuts off the highs, giving the illusion of good performance, but
> really cutting off fidelity -- it doesn't sound a little bassy for
> nothing.
>

.. and you don't think the R-75 doesn't have an audio filter. Look
at IC1211A/B in the schematic. It's there.

Just like the R8B, the filter is in the path for ALL detectors.

I use the R8B's sync detector for cleaning up selective fading. Not
for PLL drift, not for large (10 Hz) tuning steps. I have not seen an
issue with either.

Craig

1383. Re: [icomr75] Re: R75 vs R8B?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-29 14:51:48 UTC
From: Dave Ulrick
Topic: 1345 Message: 1383

On Tue, 26 Mar 2002, lucretius3 wrote:

> --- In icomr75@y..., Bruce Jensen <bpnjensen@y...> wrote:
>
> > The Drake is also said to have better audio;
>
> This is questionable. The Drake does have a mellow sound with a bass
> that's sometimes a little dark/muddy -- kind of like tube radios. If
> you prefer this, than Drake is your choice here. But there's nothing
> wrong with the sound of a modified R75 with an external speaker. The
> Drake also needs an external speaker to get the best sound.

I can't comment on the R8B, but I have my unmodified R75 hooked up to an external speaker, one of the small black hi-fi speakers that Radio Shack sells. Although my R75 is unmodified, I get _very_ nice audio from this speaker: strong bass, solid midrange, and fine treble. In fact, one minor drawback is that due to its good high end response, high-pitched heterodynes (ringing tones) come through very well[1].

Often when people complain about the unmodified R75's audio in AM/S-AM mode, they're complaining not only about the built-in speaker (which is really designed for maximum clarity for SSB voice communications) but also the "pumping" effect caused by the AGC's response to rapidly fading signals. Although I haven't installed any of the AGC mods, I've found that turning off the AGC and adjusting the RF gain to bring in the station can often provide pleasant AM audio for such signals.

Given a good external speaker and some practice with the RF gain control, my experience is that even an unmodified R75 can produce very nice AM audio.

Dave

[1] The R75's stock 6 kHz filter is a little too wide to allow you to tune in a SW broadcast station without also picking up some of the adjoining station's audio: thus the heterodyne. The DSP's ANF feature can get rid of many of them, and the inner PBT knob can often be adjusted to eliminate others.

--
==========
Dave Ulrick, Systems Programmer E-mail: d-ulrick@...
Northern Illinois University Web: http://www.niu.edu/~ulrick/
DeKalb, IL, USA

1384. Re: [icomr75] Re: R75 vs R8B?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-29 16:10:28 UTC
From: Gert Nilsson
Topic: 1345 Message: 1384

A lot of talk about 5 kHz AF filters in the R8B and perhaps R75. I don't think this filter is the cause of the bassy sound of the R8B. If you use 4 kHz or 6 kHz selectivity AM you only receive +/- 3 kHz of either sideband. A 5 kHz should make no difference. Most AM stations do not modulate the carrier with frequencies above 4500 kHz, in order to avoid interference to close in channels. The main reason for a 5 kHz audio filter is probably to reject heterodynes from stations 5 kHz away and perhaps to reduce broadband noise from the IF amplifiers.

I use a highpass filter cutting of the bass to get better readability from my R75 and R71. A high frequency cut off is not needed for the R75. It is very quiet. No hiss in the audio

[Non-text portions of this message have been removed]

1385. Re: [icomr75] Re: R75 vs R8B?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-29 16:13:13 UTC
From: Bruce Jensen
Topic: 1345 Message: 1385

--- just_rtfm <just_rtfm@...> wrote:
> hi Bob:
>
> > Is the performance of the R75 with all of the Kiwa
> mods equal
> > to the R8B?
>
> i would agree with Bruce (hi Bruce!).

Howdy!

> many of us get the R-75 and will modify it to
prevent us from having to spend over $1000 for a
> receiver like the drake. i use the R-75 mostly for
> UTEs and this is where the R-75 shines. as far as
the S-AM goes i know it is fixable but for me it is of
no interest: i use ECSS for AM.

My $0.02 worth - with the Kiwa mods and that $20 Radio Shack speaker, the darn thing holds its own easily on AM. I hardy ever use the ECSS method anymore for AM, except in situations where the desired signal is so weak compared to adjacent powerhouses that it is inaudible in AM. I am in California, and some that come to mind are the wee Canadian local stations in the 49 meter band. SSB and PBT bring 'em right on out.

=====
Bruce Jensen, associate of:
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
American Coaster Enthusiasts http://www.aceonline.org/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

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1386. Re: R75 vs R8B?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-26 00:03:47 UTC
From: just_rtfm
Topic: 1345 Message: 1386

hi Bob:

> Is the performance of the R75 with all of the Kiwa mods equal
> to the R8B?

i would agree with Bruce (hi Bruce!). many of us get the R-75 and will modify it to prevent us from having to spend over $1000 for a receiver like the drake. i use the R-75 mostly for UTEs and this is where the R-75 shines. as far as the S-AM goes i know it is fixable but for me it is of no interest: i use ECSS for AM.

the R-75 is a great receiver, just make sure you have something to gain by getting it: maybe you want a backup unit, or you like that it is small, or you want to take it in the car, or you're into utilities and amateur listening. let me also suggest you consider the AOR 7030+.

phil :)

1387. Re: [icomr75] Re: R75 vs R8B?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-29 16:24:07 UTC
From: Bruce Jensen
Topic: 1345 Message: 1387

--- lucretius3 <m.moore@...> wrote:
> --- In icomr75@y..., Bruce Jensen <bpnjensen@y...>
> wrote:
> > Hi, Bob - Even modified, the R75 does not have
> > selectable sideband S-AM - that is, it is
> incapable of fully isolating the one desirable
sideband from the other when the carrier is
reinserted. One can approximate this using the PBT in
the S-AM mode, but there can still be some bleedover
from adjacent frequencies.<
>
> Bleedover? Please describe.

Simply, interference from adjacent channels...if
you've listened to any HF radio, you have undoubtedly
heard this. Sorry for the jargon.

> > Make no mistake, it is better by far than the
unmodified R75, and it is really pretty darn good<

> The sync detector works well on the R8B, if that's
> what you mean --

Not exactly - in this line of thought, I wasn't
referring to the R8B at all, just the modified versus
unmodified R75. The modified is better *by far.*

> I wouldn't say the R8B is better by far.<

I don't know - I've never used the R8B...but it does
have selectable sideband S-AM, which is theoretically
better than using regular S-AM with the PBT to isolate
the signal (like the R75).

> I'd bet A sync detector shouldn't be needed all that
often -- except on radios like the R8B where the sync
detector must compensate for drift and large tuning
steps. Plus, sticking that audio filter in the path of
the sync detector on the R8B cuts off the highs,
giving the illusion of good performance, but really
cutting off fidelity -- it doesn't sound a little
bassy for nothing. <

I agree - I don't need to use the sync detector that
much, although it is handly occasionally. The Kiwa
AGC and filter mods have been far more useful.

> > Also, the R8B simply has more filters than the
> > modified R75
>
> You can add .5, 1.8/1.9, & 3.8 kHz filters to the
> R75 giving it similar filter options as the R8B
(which allows no choice).<

Yes, and (except for the 3.8 - did you mean 3.3?) then
you add $150 or so for each filter, none of which (if
I read the specs right) can be used with the PBT or
S-AM because they are in a different IF chain.

> The only mode restriction there is on the R75 is
> that the optional filter in then 455 kHz slot (one
filter) will not work with the synchronous detector.
It's not much of a setback. <

PBT too - and I beg to differ. I like to have
everything working with everything else, and I use all
the possible combinations too. I think it is a
drawback, and I am thankful that the Kiwa mods help to
square that inequity (shame on Icom for such
silliness).

> > The Drake is also said to have better audio;
>
> This is questionable. The Drake does have a mellow
> sound with a bass
> that's sometimes a little dark/muddy -- kind of like
> tube radios. If
> you prefer this, than Drake is your choice here.
> But there's nothing
> wrong with the sound of a modified R75 with an
> external speaker. The
> Drake also needs an external speaker to get the best
> sound.

I'll go along with this - my R75 modified sounds just
dandy - no complaints.

> > The R75 also looks and feels really good :-)
>
> And the buttons don't stick, and the tuning knob is
> real nice.

Yeah - beautiful sensuous feel ;-) and the display is gorgeous.

=====
Bruce Jensen, associate of:
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
American Coaster Enthusiasts http://www.aceonline.org/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

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1388. Re: [icomr75] Re: R75 vs R8B?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-29 16:30:00 UTC
From: Bruce Jensen
Topic: 1345 Message: 1388

What bandwidth is the R75 audio filter? It cannot be
very narrow if it has to pass auidio from the 15kHz FM
signals...

Bruce Jensen
****
--- craigm55901 <camenning@...> wrote:
> --- In icomr75@y..., "lucretius3" <m.moore@u...>
> wrote:
> > --- In icomr75@y..., Bruce Jensen <bpnjensen@y...>
> wrote:
> > detector must compensate for drift and large
> tuning steps. Plus,
> > sticking that audio filter in the path of the sync
> detector on the
> R8B
> > cuts off the highs, giving the illusion of good
> performance, but
> > really cutting off fidelity -- it doesn't sound a
> little bassy for
> > nothing.
> >
>
>
> .. and you don't think the R-75 doesn't have an
> audio filter. Look
> at IC1211A/B in the schematic. It's there.
>
> Just like the R8B, the filter is in the path for ALL
> detectors.
>
> I use the R8B's sync detector for cleaning up
> selective fading. Not
> for PLL drift, not for large (10 Hz) tuning steps. I
> have not seen an
> issue with either.
>
> Craig
>
>

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1389. Re: [icomr75] Re: R75 vs R8B?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-29 16:34:38 UTC
From: Bruce Jensen
Topic: 1345 Message: 1389

--- Dave Ulrick <d-ulrick@...> wrote:
> [1] The R75's stock 6 kHz filter is a little too
> wide to allow you to
> tune in a SW broadcast station without also picking
> up some of the
> adjoining station's audio: thus the heterodyne.
> The DSP's ANF
> feature can get rid of many of them, and the inner
> PBT knob can often
> be adjusted to eliminate others.

When my R75 was unmodified, I found the above to be true for SSB but not really for AM. The ANF helped a bit, but it is not the last word on het removal; the PBT was almost useless on AM without an intermediate filter - the 2.4 was still too narrow (although I used it), and the 6 was just too wide. The Kiwa 3.8 has become my filter of choice for almost every station now, except for in-the-clear powerhouses, which are not too common.

Switching to SSB was essential without the modifications. Now, it is a once-in-awhile thing.

Good day!

=====
Bruce Jensen, associate of:
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
American Coaster Enthusiasts http://www.aceonline.org/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

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1390. Re: R75 vs R8B?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-29 17:46:44 UTC
From: lucretius3
Topic: 1345 Message: 1390

--- In icomr75@y..., Bruce Jensen <bpnjensen@y...> wrote:
> --- lucretius3 <m.moore@u...> wrote:
> > --- In icomr75@y..., Bruce Jensen <bpnjensen@y...>
> > wrote:
> > I wouldn't say the R8B is better by far.<
>
> I don't know - I've never used the R8B...but it does
> have selectable sideband S-AM, which is theoretically
> better than using regular S-AM with the PBT to isolate
> the signal (like the R75).

The R8B uses a phase shift network (PSN) to cancel the unwanted
sideband. I do not know which method (PSN or passband shift)
eliminates more of the unwanted sideband -- here, we need some tests.

> > > Also, the R8B simply has more filters than the
> > > modified R75
> >
> > You can add .5, 1.8/1.9, & 3.8 kHz filters to the
> > R75 giving it similar filter options as the R8B
> (which allows no choice).<
>
> Yes, and (except for the 3.8 - did you mean 3.3?) then
> you add $150 or so for each filter,

The 9 Mhz IF filters are cheaper as is the 3.8 Kiwa filter.

> none of which (if
> I read the specs right) can be used with the PBT or
> S-AM because they are in a different IF chain.
> > The only mode restriction there is on the R75 is
> > that the optional filter in then 455 kHz slot (one
> filter) will not work with the synchronous detector.
> It's not much of a setback. <
>
> PBT too - and I beg to differ. I like to have
> everything working with everything else, and I use all
> the possible combinations too. I think it is a
> drawback, and I am thankful that the Kiwa mods help to
> square that inequity (shame on Icom for such
> silliness).

All the filters mentioned above (.5, 1.8/1.9, 3.8-Kiwa) can be used
with the passband tuning -- try it. And all except the filter
installed in the 455KHz slot (you could put the 500 Hz filter here)
work with the sync detector. If you wanted to maximize the filters

that you can reasonably use with the sync detector (and PBT), then install the 3.8 Kiwa filter and the 2.8 kHz 9 MHz IF filter. Then, your choices for filters for the sync mode would be: 6, 3.8, 2.8, and 2.4 kHz. That's quite a lot of choice and all except the 6 kHz filter are affected by the passband tuning.

--
M2

1391. Re: R75 vs R8B?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-29 18:10:57 UTC
From: atagrasin
Topic: 1345 Message: 1391

--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> hi Bob:
>
> > Is the performance of the R75 with all of the Kiwa mods equal
> > to the R8B?
>
> i would agree with Bruce (hi Bruce!). many of us get the R-75 and
> will modify it to prevent us from having to spend over $1000 for a
> receiver like the drake.

HI Phil:WE don't modify Our's R-75 to prevent us from having to spend over $1,000 for a receiver like the Drake.I have the R-75 with mod's because it surpass the drake in performance and I am posted about this all this year in different groups.If someone don,t have put side by side the two receivers,for him very difficult to understand how a $550.00 receiver with some mods go to surpass a $1,400 receiver with a super propaganda and advertaising backup.The "myth" of the R-8B keep alive in you words "many mod the R-75 to prevent to having to spend over $1,000".Go mod your R-75 and dispell for yourself the Myth.

1392. Re: R75 vs R8B?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-26 00:03:47 UTC
From: just_rtfm
Topic: 1345 Message: 1392

hi Bob:

> Is the performance of the R75 with all of the Kiwa mods equal
> to the R8B?

i would agree with Bruce (hi Bruce!). many of us get the R-75 and will modify it to prevent us from having to spend over $1000 for a receiver like the drake. i use the R-75 mostly for UTEs and this is where the R-75 shines. as far as the S-AM goes i know it is fixable but for me it is of no interest: i use ECSS for AM.

the R-75 is a great receiver, just make sure you have something to gain by getting it: maybe you want a backup unit, or you like that it is small, or you want to take it in the car, or you're into utilities and amateur listening. let me also suggest you consider the AOR 7030+.

phil :)

1393. Re: R75 vs R8B?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-26 00:03:47 UTC
From: just_rtfm
Topic: 1345 Message: 1393

hi Bob:

> Is the performance of the R75 with all of the Kiwa mods equal
> to the R8B?

i would agree with Bruce (hi Bruce!). many of us get the R-75 and will modify it to prevent us from having to spend over $1000 for a receiver like the drake. i use the R-75 mostly for UTEs and this is where the R-75 shines. as far as the S-AM goes i know it is fixable but for me it is of no interest: i use ECSS for AM.

the R-75 is a great receiver, just make sure you have something to gain by getting it: maybe you want a backup unit, or you like that it is small, or you want to take it in the car, or you're into utilities and amateur listening. let me also suggest you consider the AOR 7030+.

phil :)

1394. Re: R75 vs R8B?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-30 02:08:24 UTC
From: frscistercian
Topic: 1345 Message: 1394

--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> hi Bob:
>
> > Is the performance of the R75 with all of the Kiwa mods equal
> > to the R8B?
> I Suspect the R75 is better.Part of the drakes audio doom stems from the second IF frequency of 50 kilocycles.This limits the high frequency audio response.The R8 series features hash and birdies aplenty....at the price point this is intolerable.
> i would agree with Bruce (hi Bruce!). many of us get the R-75 and
> will modify it to prevent us from having to spend over $1000 for a
> receiver like the drake. i use the R-75 mostly for UTEs and this is
> where the R-75 shines. as far as the S-AM goes i know it is fixable
> but for me it is of no interest: i use ECSS for AM.
> Why pay too much?People buy the 75 to save money...and get the better rig in the bargain.Im a UTE type myself...so I don't care a bit about syncro.But the drake audio notch is nice.
> the R-75 is a great receiver, just make sure you have something to
> gain by getting it: maybe you want a backup unit, or you like that it (Beware....it might outshine your current more costly gear)
> is small, or you want to take it in the car, or you're into utilities
> and amateur listening. let me also suggest you consider the AOR
> 7030+.
> The 7030 has incredible performance....and ergonomics so evil and depraved the designers should be flogged.Repeatedly.
> phil :)

1395. fire em up boys

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-30 09:21:31 UTC
From: philberttroy
Topic: 1395 Message: 1395

I am setting a new record here in central washington.....wwv on 2.500 is smashing in at 40db.....it will be a great night for dx.....two nights ago it was china....last night it was korea...who knows what will be booming in tonight if this wwv record is any indication.
I was wondering if any of you people would want to get started with an instant messaging system so that we could share tips and catches......msn or yahoo???
This is the best group on the internet and as Phil number 2 I must say the overall naming scheme meets with my approval.....anyone else want to change their name to Phil????
Seriously, if anyone is into this lets get the ball rolling...I would love to compare what we are hearing with each other in real time or to chat as we listen.....the overall knowledge of this group is far superior to mine and I know I would continue to learn quite a bit.
You know you are addicted to shortwave when you spend two hours listening to the voice of the people in South Korea on 3.912 with no agc and ecss...with adjusted rf gain to min....just because you can.
Phil

1397. you know you are addicted to the ic-r75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-30 09:48:47 UTC
From: philberttroy
Topic: 1397 Message: 1397

You know you are addicted to the icr75 when you are trying to work your love for the radio into your wedding vows.

You know you are addicted to the 75 when you take the day off because there is a new post from RADO or PHIL.

You know you are addicted to the 75 when you hook it into your wireless lan so that you can hear it all around the house.

You know you are addicted to the 75 when you cover it with a towel each night while the 535d and the 800 sit exposed.

You know you are addicted to the 75 when you schedule a radio-sitter to come over and turn it on once a day while you are out of town.

You know you are addicted to the 75 when you buy another one to take with you when you are going out of town.

You know you are addicted to the 75 when you take the extra one you just bought out of town on your honeymoon.

You know you are addicted to the 75 when you lean over to smell the fresh electronic component wafting during break in or you save the box just to sniff that new radio smell now and then.

You know you are addicted to the 75 when you secretly love the fact that it beats all other radios this side of a modified ic-r9000 with sherwood se3 for over ten grand.

Ok there is my list anyone else want to pipe in?????????

Phil number 2

1398. Re: [icomr75] Re: Speaker Impedance and LA4425A

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-30 09:08:50 UTC
From: E de Jong
Topic: 1361 Message: 1398

It's not an isolated case you experience.
My R75 has the same problem.
I listen a lot on my headphones, and it's a pain in the *** to get the
volume right.
It jumps from zero to relatively loud on the headphone, there's no in
between.

Ed de Jong
Balk. The Netherlands
URL: http://beam.to/galact
E-mail: ed@... <mailto:ed@...> (default)

_____
{The night hides a world but unveils a universe}

----- Original Message -----
From: "Bruce Jensen" <bpnjensen@...>
To: <icomr75@yahoogroups.com>
Sent: Thursday, March 28, 2002 5:31 PM
Subject: Re: [icomr75] Re: Speaker Impedance and LA4425A

> To be honest, the AF Gain is the one knob on my R75
> that is less than 100% satisfactory. For some reason,
> it seems that at low to mid-volumes, the knob is
> "jumpy," that is, the volume increases stepwise
> instead of linearly at a couple of points. This is
> most critical when using headphones. I think the
> potentiometer in the knob is bad or dirty, but either
> way, it is the one problem I have with the radio.
>
> Bruce Jensen
>
> _____
> Do You Yahoo!?
> Yahoo! Movies - coverage of the 74th Academy Awards?
> http://movies.yahoo.com/
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

1399. Re: fire em up boys

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-30 22:22:25 UTC
From: uncle_ziba
Topic: 1395 Message: 1399

--- In icomr75@y..., "philberttroy" <philberttroy@h...> wrote:
> I was wondering if any of you people would want to get started with
> an instant messaging system so that we could share tips and
> catches......msn or yahoo???

This seems to be a good idea. There are such systems for hams.
Check, for example, www.dx-central.com. It allows anyone to post
a "spot" in real time so that other hams can tune to it and work a DX
station. Not sure if something like that exists for the broadcast
bands.

1400. Re: [icomr75] Re: Speaker Impedance and LA4425A

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-31 15:33:28 UTC
From: Zacharias Liangas
Topic: 1361 Message: 1400

An idea.
You can do a tunable attenuator to your heads , using a twin pot

On 30 Mar 2002 at 10:08, you wrote:

> It's not an isolated case you experience.
> My R75 has the same problem.
> I listen a lot on my headphones, and it's a pain in the *** to get the
> volume right.
> It jumps from zero to relatively loud on the headphone, there's no in
> between.
>
> Ed de Jong
> Balk. The Netherlands
> URL: http://beam.to/galact
> E-mail: ed@jonged.myweb.nl <mailto:ed@...> (default)
> _____
> {The night hides a world but unveils a universe}
>
> ----- Original Message -----
> From: "Bruce Jensen" <bpnjensen@...>
> To: <icomr75@yahoogroups.com>
> Sent: Thursday, March 28, 2002 5:31 PM
> Subject: Re: [icomr75] Re: Speaker Impedance and LA4425A
>
>
> > To be honest, the AF Gain is the one knob on my R75
> > that is less than 100% satisfactory. For some reason,
> > it seems that at low to mid-volumes, the knob is
> > "jumpy," that is, the volume increases stepwise
> > instead of linearly at a couple of points. This is
> > most critical when using headphones. I think the
> > potentiometer in the knob is bad or dirty, but either
> > way, it is the one problem I have with the radio.
> >
> > Bruce Jensen
> >
> > _____
> > Do You Yahoo!?
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> >
> > To unsubscribe from this group, send an email to:
> > icomr75-unsubscribe@egroups.com

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>

---

pen-DX sejak 72 - anggota World-DX-Club 2104,Play DX, dll
PP: R75/HF150/MVT7100/D2935 + 16m/1x1 +
MFJ16010/1040/1025/752c/462
http://www.geocities.com/zliangas/
/trip2k.htm (dlm Bkk,SNG,BAli) /MP3_comp.htm comparison Xing/Fastenc
/napa.htm crash test Napa DAV315 MP3 player

1401. Re: [icomr75] Re: Speaker Impedance and LA4425A

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-31 16:28:33 UTC
From: Dave
Topic: 1361 Message: 1401

Use the RF Gain for volume control.

----- Original Message -----
From: "Bruce Jensen" <bpnjensen@...>
To: <icomr75@yahoogroups.com>
Sent: Thursday, March 28, 2002 17:31
Subject: Re: [icomr75] Re: Speaker Impedance and LA4425A

--- uncle_ziba <uncle_ziba@...> wrote:

> I agree the volume knob is sensitive when listening
> to a +40 db AM
> station. But it comes handy for hams trying to copy
> a CW signal at
> noise level on a quiet band. You really have to
> crank it up
> (possibly with pream on) to get advantage of a low
> noise antenna and
> the reciever's great sensetivity.

To be honest, the AF Gain is the one knob on my R75
that is less than 100% satisfactory. For some reason,
it seems that at low to mid-volumes, the knob is
"jumpy," that is, the volume increases stepwise
instead of linearly at a couple of points. This is
most critical when using headphones. I think the
potentiometer in the knob is bad or dirty, but either
way, it is the one problem I have with the radio.

Bruce Jensen

_____
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http://movies.yahoo.com/

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1402. Re: Speaker Impedance and LA4425A

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-31 20:30:15 UTC
From: just_rtfm
Topic: 1361 Message: 1402

hi Ed de Jong:

> I listen a lot on my headphones, and it's a pain in the ***
> to get the volume right. It jumps from zero to relatively
> loud on the headphone, there's no in between.

i agree and this should be able to be resolved. the R-75 seems to
have a *great* main RF section, the flaws are later in the chain like
at the AM chip (RADO mods) etc. in a way, we are somewhat fortunate:
the audio section is a lot easier to work with than the RF section.

phil :)

1403. Re: you know you are addicted to the ic-r75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-31 20:36:31 UTC
From: just_rtfm
Topic: 1397 Message: 1403

hi Phil!

lol! i loved your list! :D you're right, we have a really great R-75 community! i would have posted earlier if i wouldn't have been at a party on saturday. wild women, loud music, alcohol... nope... it was a kiddy party, someone turned two LOL. crying kids and burgers.

> You know you are addicted to the 75 when you take the day off
> because there is a new post from RADO or PHIL.

lol. speaking of which, where is RADO? :(

you spoke of using a messaging system... we could do that or we could start an R-75 yahoo chat room and post in realtime there. i am sure others on r.r.s. would like to be included anyway though. 'what? you cannot hear that on your R-75, it's coming in near CD quality on my Drake' :p

phil :)

1404. Re: [icomr75] Re: you know you are addicted to the ic-r75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-01 15:48:06 UTC
From: Bob
Topic: 1397 Message: 1404

If you go the the R-75 group page, you will see a chat
room already exists as part of the group. I never see
anyone on, however. See:

http://groups.yahoo.com/group/icomr75/chat

Regards,
Bob

--- just_rtfm <just_rtfm@...> wrote:

>
> you spoke of using a messaging system... we could do
> that or we could
> start an R-75 yahoo chat room and post in realtime
> there.

Do You Yahoo!?
Yahoo! Greetings - send holiday greetings for Easter, Passover
http://greetings.yahoo.com/

1405. Re: [icomr75] fire em up boys

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-01 16:59:49 UTC
From: Bruce Jensen
Topic: 1395 Message: 1405

--- philberttroy <philberttroy@...> wrote:

> You know you are addicted to shortwave when you
> spend two hours
> listening to the voice of the people in South Korea
> on 3.912 with no
> agc and ecss...with adjusted rf gain to min....just
> because you can.

...and in Korean. no less :-) That "clandestine"
station does come in quite good here in the States.

Bruce "not Phil" Jensen

_____
Do You Yahoo!?
Yahoo! Greetings - send holiday greetings for Easter, Passover
http://greetings.yahoo.com/

1406. Re: [icomr75] Re: Speaker Impedance and LA4425A

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-01 17:06:39 UTC
From: Bruce Jensen
Topic: 1361 Message: 1406

Hi, Dave - Well, that's a fine idea, except (1) it
does diminish the sensitivity, and (2) something as
simple as a volume control ought to work right, right?

Getting the S-AM wrong is almost forgiveable; screwing
up a volume control, however, is grounds for execution
in some countries.

Bruce Jensen
****
--- Dave <rickets@...> wrote:
> Use the RF Gain for volume control.
>
> ----- Original Message -----
> From: "Bruce Jensen" <bpnjensen@...>
> To: <icomr75@yahoogroups.com>
> Sent: Thursday, March 28, 2002 17:31
> Subject: Re: [icomr75] Re: Speaker Impedance and
> LA4425A
>
>
> --- uncle_ziba <uncle_ziba@...> wrote:
>
> > I agree the volume knob is sensitive when
> listening
> > to a +40 db AM
> > station. But it comes handy for hams trying to
> copy
> > a CW signal at
> > noise level on a quiet band. You really have to
> > crank it up
> > (possibly with pream on) to get advantage of a low
> > noise antenna and
> > the reciever's great sensetivity.
>
> To be honest, the AF Gain is the one knob on my R75
> that is less than 100% satisfactory. For some
> reason,
> it seems that at low to mid-volumes, the knob is
> "jumpy," that is, the volume increases stepwise
> instead of linearly at a couple of points. This is
> most critical when using headphones. I think the
> potentiometer in the knob is bad or dirty, but
> either
> way, it is the one problem I have with the radio.

>
> Bruce Jensen
>
> _____
> Do You Yahoo!?
> Yahoo! Movies - coverage of the 74th Academy Awards?
> http://movies.yahoo.com/
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
>
>
>
>
>

_____
Do You Yahoo!?
Yahoo! Greetings - send holiday greetings for Easter, Passover
http://greetings.yahoo.com/

1407. Re: [icomr75] Re: Speaker Impedance and LA4425A

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-02 11:50:32 UTC
From: Zacharias Liangas
Topic: 1361 Message: 1407

Oops ....
Let me correct a bit the half answer . It has been writen and half and forgotten

An idea.
> You can do a tunable attenuator to your heads as follows:
Use a jumper (bridge?) cable twin and shield and on the hafp of it you can
insert a twin pot in series with the one end connected to shield
Both cable ends should have connectors (one for the phones radio output and
one for the earphones)

I have made one cable set for my vinyl LP player and its Terratec phono
peramp for my computer and it worked.

> On 30 Mar 2002 at 10:08, you wrote:
>
> > It's not an isolated case you experience.
> > My R75 has the same problem.
> > I listen a lot on my headphones, and it's a pain in the *** to get the
> > volume right.
> > It jumps from zero to relatively loud on the headphone, there's no in
> > between.
> >
> > Ed de Jong
> > Balk. The Netherlands
> > URL: http://beam.to/galact
> > E-mail: ed@... <mailto:ed@...> (default)
> > _____
> > {The night hides a world but unveils a universe}
> >
> > ----- Original Message -----
> > From: "Bruce Jensen" <bpnjensen@...>
> > To: <icomr75@yahoogroups.com>
> > Sent: Thursday, March 28, 2002 5:31 PM
> > Subject: Re: [icomr75] Re: Speaker Impedance and LA4425A
> >
> >
> > > To be honest, the AF Gain is the one knob on my R75
> > > that is less than 100% satisfactory. For some reason,
> > > it seems that at low to mid-volumes, the knob is
> > > "jumpy," that is, the volume increases stepwise
> > > instead of linearly at a couple of points. This is
> > > most critical when using headphones. I think the
> > > potentiometer in the knob is bad or dirty, but either
> > > way, it is the one problem I have with the radio.
> > >
> > > Bruce Jensen

> > >
> > > _____
> > > Do You Yahoo!?
> > > Yahoo! Movies - coverage of the 74th Academy Awards®
> > > http://movies.yahoo.com/
> > >
> > >
> > > To unsubscribe from this group, send an email to:
> > > icomr75-unsubscribe@egroups.com
> > >
> > >
> > >
> > > Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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>
> _____
> pen-DX sejak 72 - anggota World-DX-Club 2104,Play DX, dll
> PP: R75/HF150/MVT7100/D2935 + 16m/1x1 +
> MFJ16010/1040/1025/752c/462
> http://www.geocities.com/zliangas/
> /trip2k.htm (dlm Bkk,SNG,BAli) /MP3_comp.htm comparison Xing/Fastenc
> /napa.htm crash test Napa DAV315 MP3 player
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

_____
pen-DX sejak 72 - anggota World-DX-Club 2104,Play DX, dll

PP: R75/HF150/MVT7100/D2935 + 16m/1x1 +
MFJ16010/1040/1025/752c/462
http://www.geocities.com/zliangas/
/trip2k.htm (dlm Bkk,SNG,BAli) /MP3_comp.htm comparison Xing/Fastenc
/napa.htm crash test Napa DAV315 MP3 player

1408. Did some alignment (Re:You know you are addicted...)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-02 12:48:43 UTC
From: Radostin Danev
Topic: 1408 Message: 1408

Hi Phil & Phil :-),

The "you know you are addicted" list gave me a good laugh too. Thanks Phil.

> lol. speaking of which, where is RADO? :(

I am here. Just little busy. This past weekend I had little time for my R75. Tried the adjustment procedures from the service manual (file "Alignment procedure.pdf" in the Files/Information section). Performed the procedures in section 4-3 "Receiver sensitivity" & "1st Mixer balance". As a signal generator used the LO oscillator of an analog single conversion Sony portable (don't remember now the model ... maybe it was ICF-SW10).
My procedure was as follows:

0) Turn on the radio and leave it to receive something for about an hour. This is to warm it up.

1) Connected the signal gen to the ANT1 input. Cable with clamps - coax shield to the ground of the Sony portable, center of the cable to the telescopic whip of the Sony. This gave me a nice S9 signal from the LO of the portable.

2) Set R75 to 14.100 MHz, USB, 2.4kHz/9Mhz 2.4kHz/455kHz, and adjusted the tuning knob of the portable until the LO was at 14.00150 MHz. This was little bit tricky as the tuning is not very fine - but finally I did it.

3) Connected AC millivolt-meter to the "Line out" ("Rec out") of R75. This was a digital multimeter set to "ACV".

4) Turned off the AGC of R75 and adjusted the RF Gain manually until the millivolt-meter showed about 300 mV AC (the rms of the 1500Hz beat audio tone). Keep the AGC off during the following adjustments.

5) Made a non-magnetic screw driver from a wooden pick.

6) Adjusted the cores of coils L443 to L911 (in order as listed in the service manual) for maximum signal on the millivolt-meter.

7) Performed the "1st Mixer balance" adjustment. Turn off the portable (signal gen). Set R75 to 0.030 Mhz (I used this instead of 0.100 Mhz as described in the manual), USB 2.4kHz/2.4kHz. Adjust in turn coil L443 and R444 (to access this you'll have to open the can of the 1st mixer) until the lowest noise level was achieved. Actually around 0.030 MHz you'll hear some spurii from the DDSes - I used the strongest one and succeeded to diminish it completely after some fiddling with L443 and R444. This also reduces the noise.

8) Repeat the sensitivity adjustment as in steps (1,2,3,4,6). Do not touch L443 this time!!! Leave it as it is after the 1st mixer balance adjustment. Adjust again the cores for maximum signal on the AC voltmeter.

9) Done.

I can say that I achieved marked improvement in the noise (reduced) below 0.100 Mhz. Also the cores of some of the coils in the sensitivity adjustment were far from the optimal position. I think I felt the radio perform better after the alignment - but this is very subjective. Theoretically it should be a tad more sensitive and a tad less noisy.

Best regards,

Rado

1409. Did some alignment (Re:You know you are addicted...)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-03 01:45:49 UTC
From: just_rtfm
Topic: 1408 Message: 1409

hi Dr. Danev:

i would like to know if i could converse with you via e-mail, i am working on a mod. my e-mail is just_rtfm@...

thank you
phil :)

1410. NON-MODIFIED STOCK R75 SYNC-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-03 13:37:05 UTC
From: icomfandan
Topic: 1410 Message: 1410

Hello,

I am familiar with all the hoopla about the "non-functional" Sync-AM detector in the R75. I just wondered if anyone has tried using an unmodified R75 in non-auto sync mode? This seems to work just fine, certainly a whole lot better than it does in "auto" mode!

To try this, simply go into the set menu and scroll until the "SAM SW" sub-menu display appears. The factory default setting is "En", which is the auto-mode setting and the one that has little or no effect. Turn the tuning knob to change the "En" to read "SA", then exit the set menu.

Now, tune an AM SW signal, select S-AM with the AM mode button and hear the difference! When you tune up and down the band, you can hear the sync "whistle" as it locks and unlocks with each passing signal. The effect is very noticeable, in comparison with the factory auto-mode setting.

You just might find that it works well enough for your needs, without resorting to all the mods. This leads me to wonder if most of the R75's sync-detection "problems" stem from the implementation of the auto-mode parameters, and not with the sync detector itself? There certainly appears to be a BIG difference in performance by just using the SAM SW in the SA mode.

I have owned three R75's now, the last one I had was modified per the info available from this group. However, in all this time I never used the menu to change the sync-mode operation characteristics. I've even constructed the latest LM339-based mod board for installation on my new R75, but after trying this simple and non-invasive adjustment, I think I may just leave well enough alone for this time.

I invite those of you in the group with unmodified R75's, to try this simple menu adjustment FIRST, before deciding on further expenditures of money, time and effort.

Just my nickel's worth...hope this helps!

1411. Re: NON-MODIFIED STOCK R75 SYNC-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-03 15:22:55 UTC
From: njlar
Topic: 1410 Message: 1411

I tried this based on earlier advice in this forum. It might help a little, in particular if you reduce the RF gain. But reducing the RF gain helps just about as much even if S-AM is off. At least you know it is doing something because you can hear the beat tone. But neither of these things works nearly as well as ECSS with the wideband SSB filter - $150 and you don't have to mail off your radio or void its warranty.

--- In icomr75@y..., "icomfandan" <n8yv@a...> wrote:
> Hello,
>
> I am familiar with all the hoopla about the "non-functional" Sync-AM
> detector in the R75. I just wondered if anyone has tried using an
> unmodified R75 in non-auto sync mode? This seems to work just fine,
> certainly a whole lot better than it does in "auto" mode!
>
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> SW" sub-menu display appears. The factory default setting is "En",
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> exit the set menu.
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> Now, tune an AM SW signal, select S-AM with the AM mode button
> and hear the difference! When you tune up and down the band, you can
> hear the sync "whistle" as it locks and unlocks with each passing
> signal. The effect is very noticeable, in comparison with the
> factory auto-mode setting.
>
> You just might find that it works well enough for your needs, without
> resorting to all the mods. This leads me to wonder if most of the
> R75's sync-detection "problems" stem from the implementation of the
> auto-mode parameters, and not with the sync detector itself? There
> certainly appears to be a BIG difference in performance by just using
> the SAM SW in the SA mode.
>
> I have owned three R75's now, the last one I had was modified per the
> info available from this group. However, in all this time I never
> used the menu to change the sync-mode operation characteristics. I've

> even constructed the latest LM339-based mod board for installation
on
> my new R75, but after trying this simple and non-invasive
adjustment,
> I think I may just leave well enough alone for this time.
>
> I invite those of you in the group with unmodified R75's, to try
this
> simple menu adjustment FIRST, before deciding on further
expenditures
> of money, time and effort.
>
> Just my nickel's worth...hope this helps!

1412. NON-MODIFIED STOCK R75 SYNC-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-03 16:33:44 UTC
From: pjrohio@ntr.net
Topic: 1412 Message: 1412

IcomFanDan,

That's one of the first things I did. I tried
S-AM both ways, with RF adustments.

I'd rather stick with ECSS via SSB or CW
modes.

:D-&-=;

- Patrick

.

1413. Re: [icomr75] NON-MODIFIED STOCK R75 SYNC-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-03 18:54:31 UTC
From: Bruce Jensen
Topic: 1410 Message: 1413

Maybe you got lucky - I tried this, and nada. The
S-AM didn't do much on either the SA or En setting,
either switched on or off.

With the Kiwa mod, it works great!

Bruce
*****
--- icomfandan <n8yv@...> wrote:
> Hello,
>
> I am familiar with all the hoopla about the
> "non-functional" Sync-AM
> detector in the R75. I just wondered if anyone has
> tried using an
> unmodified R75 in non-auto sync mode? This seems to
> work just fine,
> certainly a whole lot better than it does in "auto"
> mode!
>
> To try this, simply go into the set menu and scroll
> until the "SAM
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> which is the auto-mode setting and the one that has
> little or no
> effect. Turn the tuning knob to change the "En" to
> read "SA", then
> exit the set menu.
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> Now, tune an AM SW signal, select S-AM with the AM
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> and hear the difference! When you tune up and down
> the band, you can
> hear the sync "whistle" as it locks and unlocks with
> each passing
> signal. The effect is very noticeable, in
> comparison with the
> factory auto-mode setting.
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> You just might find that it works well enough for
> your needs, without
> resorting to all the mods. This leads me to wonder
> if most of the
> R75's sync-detection "problems" stem from the

> implementation of the
> auto-mode parameters, and not with the sync detector
> itself? There
> certainly appears to be a BIG difference in
> performance by just using
> the SAM SW in the SA mode.
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> I have owned three R75's now, the last one I had was
> modified per the
> info available from this group. However, in all
> this time I never
> used the menu to change the sync-mode operation
> characteristics. I've
> even constructed the latest LM339-based mod board
> for installation on
> my new R75, but after trying this simple and
> non-invasive adjustment,
> I think I may just leave well enough alone for this
> time.
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> I invite those of you in the group with unmodified
> R75's, to try this
> simple menu adjustment FIRST, before deciding on
> further expenditures
> of money, time and effort.
>
> Just my nickel's worth...hope this helps!
>
>
>

=====
Bruce Jensen, associate of:
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
American Coaster Enthusiasts http://www.aceonline.org/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

Do You Yahoo!?
Yahoo! Tax Center - online filing with TurboTax
http://taxes.yahoo.com/

1414. Re: NON-MODIFIED STOCK R75 SYNC-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-03 19:13:15 UTC
From: jwfaulkner
Topic: 1410 Message: 1414

--- In icomr75@y..., "icomfandan" <n8yv@a...> wrote:
> Hello,
>
> I am familiar with all the hoopla about the "non-functional"
Sync-AM
> detector in the R75. I just wondered if anyone has tried using an
> unmodified R75 in non-auto sync mode? This seems to work just
fine,
> certainly a whole lot better than it does in "auto" mode!
>
> To try this, simply go into the set menu and scroll until the "SAM
> SW" sub-menu display appears. The factory default setting is "En",
> which is the auto-mode setting and the one that has little or no
> effect. Turn the tuning knob to change the "En" to read "SA", then
> exit the set menu.

OK... "squawk... screech... howl..."

Nope... doesn't cut it. :-)

Icom will never acknowledge the SAM faults. They've sold too many to commit to any fix. They have a habit of doing dumb things. For instance- the IC-718 HF rig... same "box" as the R-75... 160-10... nice rig... BUT! They left out FM rcv and xmt (for 10 meters). Totally idiotic. This is nothing new- they've been doing this sort of thing since Day One. Their elevator never goes to the top floor.

JWF

1415. Re: NON-MODIFIED STOCK R75 SYNC-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-03 21:21:08 UTC
From: frscistercian
Topic: 1410 Message: 1415

What's with this slavish worship of sync anyhow?Why not use ecss?I started my career with unstable analog equipment in the late 60's.Compared to the junk I used to use, the R-75 is the final solution.I can see AGC mods....but....and I hesitate to say this...it seems somehow "unmanly" to worry too much about sync.C'mon...who really cares?I would rather see money spent on killer PLL,dynamic range,selectivity, blocking ect.I must be approaching fogeydom.....

--- In icomr75@y..., "icomfandan" <n8yv@a...> wrote:
> Hello,
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> Now, tune an AM SW signal, select S-AM with the AM mode button
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> signal. The effect is very noticeable, in comparison with the
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>
> You just might find that it works well enough for your needs, without
> resorting to all the mods. This leads me to wonder if most of the
> R75's sync-detection "problems" stem from the implementation of the
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> simple menu adjustment FIRST, before deciding on further
expenditures
> of money, time and effort.
>
> Just my nickel's worth...hope this helps!

1416. Re: [icomr75] NON-MODIFIED STOCK R75 SYNC-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-03 19:59:04 UTC
From: Jeff Santee
Topic: 1410 Message: 1416

----- Original Message -----
From: icomfandan
To: icomr75@yahoogroups.com
Sent: Wednesday, April 03, 2002 9:37 AM
Subject: [icomr75] NON-MODIFIED STOCK R75 SYNC-AM

Hello,

I am familiar with all the hoopla about the "non-functional" Sync-AM detector in the R75. I just wondered if anyone has tried using an unmodified R75 in non-auto sync mode? This seems to work just fine, certainly a whole lot better than it does in "auto" mode!

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Now, tune an AM SW signal, select S-AM with the AM mode button and hear the difference! When you tune up and down the band, you can hear the sync "whistle" as it locks and unlocks with each passing signal. The effect is very noticeable, in comparison with the factory auto-mode setting.

I tried this and you are right there is a very noticable difference in performance on the weak or fringe AM. Thanks for the update

Jeff

[Non-text portions of this message have been removed]

1417. Re: [icomr75] Re: NON-MODIFIED STOCK R75 SYNC-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-03 21:29:02 UTC
From: Dave
Topic: 1410 Message: 1417

If you want a good sync detector for $500, get a Grundig S800 or a Lowe HF-150 (are these still around?). The R-75 is not the optimum program listener radio but it is the best bang for the ruble re: Utes and DX. IMHO, natch.
----- Original Message -----
From: frscistercian
To: icomr75@yahoogroups.com
Sent: Wednesday, April 03, 2002 22:21
Subject: [icomr75] Re: NON-MODIFIED STOCK R75 SYNC-AM

What's with this slavish worship of sync anyhow?Why not use ecss?I started my career with unstable analog equipment in the late 60's.Compared to the junk I used to use, the R-75 is the final solution.I can see AGC mods....but....and I hesitate to say this...it seems somehow "unmanly" to worry too much about sync.C'mon...who really cares?I would rather see money spent on killer PLL,dynamic range,selectivity, blocking ect.I must be approaching fogeydom.....

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the
> info available from this group. However, in all this time I never
> used the menu to change the sync-mode operation characteristics.
I've
> even constructed the latest LM339-based mod board for installation
on
> my new R75, but after trying this simple and non-invasive
adjustment,
> I think I may just leave well enough alone for this time.
>
> I invite those of you in the group with unmodified R75's, to try
this
> simple menu adjustment FIRST, before deciding on further
expenditures
> of money, time and effort.
>
> Just my nickel's worth...hope this helps!

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[Non-text portions of this message have been removed]

1418. Re: NON-MODIFIED STOCK R75 SYNC-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-03 23:39:20 UTC
From: pjrohio@ntr.net
Topic: 1412 Message: 1418

"If you want a good sync detector for $500, get a Grundig S800 or a Lowe HF-150..."

Hi Dave,

I was thinking about the Lowe unit before I decided on the R75. When you say 'good sync detector', does that mean 100% no selective fade distortion?

Do you or anyone know if either units tune with 1Hz resolution like the R75? (That's why I stayed with ICOM, knowing I would want this tuning resolution for ECSS, just like the R71A.)

:)

- Patrick

.

1419. Re: NON-MODIFIED STOCK R75 SYNC-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-04 01:54:02 UTC
From: lucretius3
Topic: 1410 Message: 1419

--- In icomr75@y..., "icomfandan" <n8yv@a...> wrote:
> Hello,
>
> I am familiar with all the hoopla about the "non-functional" Sync-AM
> detector in the R75. I just wondered if anyone has tried using an
> unmodified R75 in non-auto sync mode? This seems to work just fine,
> certainly a whole lot better than it does in "auto" mode!
>
> To try this, simply go into the set menu and scroll until the "SAM
> SW" sub-menu display appears. The factory default setting is "En",
> which is the auto-mode setting and the one that has little or no
> effect. Turn the tuning knob to change the "En" to read "SA", then
> exit the set menu.
>
> Now, tune an AM SW signal, select S-AM with the AM mode button
> and hear the difference! When you tune up and down the band, you
can
> hear the sync "whistle" as it locks and unlocks with each passing
> signal. The effect is very noticeable, in comparison with the
> factory auto-mode setting.

I tried this before getting the Kiwa mods done. Your right about one thing, you can here the whistle when you reach either edge of the +-3kHz limit of the sync detector's range. However, it still had a negligible affect on actual fades. This can be explained by the fact that the unmodded sync detector never leaves the "tuning mode", i.e. it never switches to a narrow operating width, and hence the error in frequency between the synthetic carrier and the actual carrier can be quite large rendering it ineffective on fades. The Kiwa mod does fix this.

--
M2

1420. Re: [icomr75] Re: NON-MODIFIED STOCK R75 SYNC-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-04 01:34:44 UTC
From: Dave
Topic: 1410 Message: 1420

8 Hz on the Lowe. I don't have a Sat 800, but my Drake SW2, a similar design, is 50 Hz steps.

dr

----- Original Message -----
From: pjrohio@...
To: icomr75@yahoogroups.com
Sent: Thursday, April 04, 2002 00:39
Subject: [icomr75] Re: NON-MODIFIED STOCK R75 SYNC-AM

"If you want a good sync detector for $500, get a Grundig S800 or a Lowe HF-150..."

Hi Dave,

I was thinking about the Lowe unit before I decided on the R75. When you say 'good sync detector', does that mean 100% no selective fade distortion?

Do you or anyone know if either units tune with 1Hz resolution like the R75? (That's why I stayed with ICOM, knowing I would want this tuning resolution for ECSS, just like the R71A.)

:)

- Patrick

.

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[Non-text portions of this message have been removed]

1421. Re: [icomr75] Re: NON-MODIFIED STOCK R75 SYNC-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-04 01:37:06 UTC
From: Dave
Topic: 1410 Message: 1421

BTW: The Sync detector on the Lowe is probably the best ever made*. I doubt you'd ever want to step down to ECSS.

*best I've heard, anyway.
----- Original Message -----
From: pjrohio@...
To: icomr75@yahoogroups.com
Sent: Thursday, April 04, 2002 00:39
Subject: [icomr75] Re: NON-MODIFIED STOCK R75 SYNC-AM

"If you want a good sync detector for $500, get a Grundig S800 or a
Lowe HF-150..."

Hi Dave,

I was thinking about the Lowe unit before I decided on the R75.
When you say 'good sync detector', does that mean 100% no
selective fade distortion?

Do you or anyone know if either units tune with 1Hz resolution
like the R75? (That's why I stayed with ICOM, knowing I would
want this tuning resolution for ECSS, just like the R71A.)

:)

- Patrick

.

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[Non-text portions of this message have been removed]

1422. Re: NON-MODIFIED STOCK R75 SYNC-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-04 02:41:58 UTC
From: just_rtfm
Topic: 1410 Message: 1422

hi Dave:

i often wonder what passport would rate the R-75 with all the kiwa mods. 4 1/4 stars is not bad for having a bad sync detector. if they threw utilities, hams, and cost into the mix things might get even more interesting.

phil :)

1423. Re: [icomr75] Re: NON-MODIFIED STOCK R75 SYNC-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-04 02:46:36 UTC
From: Bob
Topic: 1410 Message: 1423

Hey, save me a seat in fogeydom will ya? I agree, I
don't understand all the sync worship either. I tune
international broadcasters in ECSS with the stock wide
SSB filter and an external speaker and enjoy great
reception. I am glad ICOM put the engineering into
more important things. And, I am not about to tear
into the rig and make mods or spend the money and send
it off to Kiwa for little, if any, benefit. I think
sync detection has just become the fad of the day for
people who have been programmed to expect everything
to work at the push of one button. But, then again, I
grew up with the radios of the 60s too, so I can
appreciate the level of technology the R75 really
represents.

Good listening.

Regrds,
Bob
--- frscistercian <piggin@...> wrote:
> What's with this slavish worship of sync anyhow?Why
> not use ecss?I
> started my career with unstable analog equipment in
> the late
> 60's.Compared to the junk I used to use, the R-75 is
> the final
> solution.I can see AGC mods....but....and I hesitate
> to say this...it
> seems somehow "unmanly" to worry too much about
> sync.C'mon...who
> really cares?I would rather see money spent on
> killer PLL,dynamic
> range,selectivity, blocking ect.I must be
> approaching fogeydom.....

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http://taxes.yahoo.com/

1424. Re: [icomr75] Re: NON-MODIFIED STOCK R75 SYNC-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-04 02:15:15 UTC
From: Dave
Topic: 1410 Message: 1424

PWBR is annoyingly opinionated sometimes (but look who's talking!). I think they're mad because you can't plug a Sherwood SE3 into the R75. I have 2 Drakes and a Lowe that I can use for "HiFi" program listening. When I want to hear CG aircraft operating over the North Atlantic (I'm 30 miles North of Los Angeles) I'll use the ICOM.
----- Original Message -----
From: just_rtfm
To: icomr75@yahoogroups.com
Sent: Thursday, April 04, 2002 03:41
Subject: [icomr75] Re: NON-MODIFIED STOCK R75 SYNC-AM

hi Dave:

i often wonder what passport would rate the R-75 with all the kiwa
mods. 4 1/4 stars is not bad for having a bad sync detector. if they
threw utilities, hams, and cost into the mix things might get even
more interesting.

phil :)

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[Non-text portions of this message have been removed]

1425. Re: [icomr75] Re: NON-MODIFIED STOCK R75 SYNC-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-04 06:37:19 UTC
From: Bruce Jensen
Topic: 1410 Message: 1425

--- frscistercian <piggin@...> wrote:
> What's with this slavish worship of sync anyhow?...
it seems somehow "unmanly" to worry too much about
> sync.C'mon...<

Thpeak for yourthelf, big boy...;-)

"Bruthie" Jensen

_____
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http://taxes.yahoo.com/

1426. Re: [icomr75] NON-MODIFIED STOCK R75 SYNC-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-04 12:04:33 UTC
From: Zacharias Liangas
Topic: 1412 Message: 1426

As a 'strict DXer' I never use the SAM mode.
If there is any reason i use the HF150 and connect to my
HiFi stereo

On 3 Apr 2002 at 11:33, you wrote:

> IcomFanDan,
>
> That's one of the first things I did. I tried
> S-AM both ways, with RF adustments.
>
> I'd rather stick with ECSS via SSB or CW
> modes.
>
> :D-&-=;
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> - Patrick
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_____________________________________________
pen-DX sejak 72 - anggota World-DX-Club 2104,Play DX, dll
PP: R75/HF150/MVT7100/D2935 + 16m/1x1 + MFJ16010/1040/1025/752c/462
http://www.geocities.com/zliangas/
/trip2k.htm (dlm Bkk,SNG,BAli) /MP3_comp.htm comparison Xing/Fastenc
/napa.htm crash test Napa DAV315 MP3 player
```

1427. Re: [icomr75] Re: NON-MODIFIED STOCK R75 SYNC-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-04 12:04:34 UTC
From: Zacharias Liangas
Topic: 1412 Message: 1427

The following section of this message contains a file attachment
prepared for transmission using the Internet MIME message format.
If you are using Pegasus Mail, or any another MIME-compliant system,
you should be able to save it or view it from within your mailer.
If you cannot, please ask your system administrator for assistance.

---- File information -----------
File: rt75.htm
Date: 24 Aug 2000, 11:11
Size: 19153 bytes.
Type: HTML-text

[Non-text portions of this message have been removed]

1428. Re: [icomr75] Re: NON-MODIFIED STOCK R75 SYNC-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-04 12:04:34 UTC
From: Zacharias Liangas
Topic: 1412 Message: 1428

Lowe HF150 is only a basic communications receiver but does not have the 1 Hz resolution. It only has a kHz resolution .
BUt surely the synch detector is very good. I can only a few times find it not working , especially in very strong fades

Please read my html file included in this message. I m not sure if this page has been uploaded to my web site

On 3 Apr 2002 at 18:39, you wrote:

> "If you want a good sync detector for $500, get a Grundig S800 or a
> Lowe HF-150..."
>
>
> Hi Dave,
>
> I was thinking about the Lowe unit before I decided on the R75.
> When you say 'good sync detector', does that mean 100% no
> selective fade distortion?
>
> Do you or anyone know if either units tune with 1Hz resolution
> like the R75? (That's why I stayed with ICOM, knowing I would
> want this tuning resolution for ECSS, just like the R71A.)
>
> :)
>
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> - Patrick
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pen-DX sejak 72 - anggota World-DX-Club 2104,Play DX, dll

PP: R75/HF150/MVT7100/D2935 + 16m/1x1 + MFJ16010/1040/1025/752c/462
http://www.geocities.com/zliangas/
/trip2k.htm (dlm Bkk,SNG,BAli) /MP3_comp.htm comparison Xing/Fastenc
/napa.htm crash test Napa DAV315 MP3 player

1429. RE: [icomr75] Re: NON-MODIFIED STOCK R75 SYNC-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-04 12:21:16 UTC
From: Mark Veldhuis
Topic: 1412 Message: 1429

Hi,

> -----Original Message-----
> From: Zacharias Liangas [mailto:zliangas@...]
> Sent: Thursday, April 04, 2002 2:05 PM
> To: pjrohio@...; icomr75@yahoogroups.com
> Subject: Re: [icomr75] Re: NON-MODIFIED STOCK R75 SYNC-AM
>
>
> Lowe HF150 is only a basic communications receiver but does
> not have the 1 Hz resolution. It only has a kHz resolution .

The display shows 1 kHz. Steps indeed, but the actual tuning steps are 8 Hz in USB, 60 in AM.

73',
Mark Veldhuis.

1430. RE: [icomr75] Re: NON-MODIFIED STOCK R75 SYNC-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-04 12:24:40 UTC
From: Mark Veldhuis
Topic: 1412 Message: 1430

Hi,

> -----Original Message-----
> From: Mark Veldhuis [mailto:dx.mark@...]
> Sent: Thursday, April 04, 2002 2:21 PM
> To: icomr75@yahoogroups.com
> Subject: RE: [icomr75] Re: NON-MODIFIED STOCK R75 SYNC-AM

> The display shows 1 kHz. Steps indeed, but the actual tuning
> steps are 8 Hz in USB

Ugh, make that SSB. :)

73',
Mark.

1431. RE: [icomr75] Re: NON-MODIFIED STOCK R75 SYNC-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-04 20:38:46 UTC
From: Zacharias Liangas
Topic: 1412 Message: 1431

>
> > Lowe HF150 is only a basic communications receiver but does
> > not have the 1 Hz resolution. It only has a kHz resolution .
>
> The display shows 1 kHz. Steps indeed, but the actual tuning steps are 8
> Hz in SSB, 60 in AM.
Surely , but you are not so sure for the exact freq , this is what i meant !
> _____
pen-DX sejak 72 - anggota World-DX-Club 2104,Play DX, dll
PP: R75/HF150/MVT7100/D2935 + 16m/1x1 + MFJ16010/1040/1025/752c/462
http://www.geocities.com/zliangas/
/trip2k.htm (dlm Bkk,SNG,BAli) /MP3_comp.htm comparison Xing/Fastenc
/napa.htm crash test Napa DAV315 MP3 player

1432. Re: NON-MODIFIED STOCK R75 SYNC-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-04 21:11:17 UTC
From: uncle_ziba
Topic: 1410 Message: 1432

--- In icomr75@y..., "frscistercian" <piggin@m...> wrote:
> What's with this slavish worship of sync anyhow?Why not use ecss?

Hey frscistercian, why are you so critical of people who find fun and personal challenge in hacking R-75's S-AM? BTW, you have to buy an expensive wide SSB filter to make ecss fidelity comparable with AM, while it costs only $10 in radio shack parts and a few hours of soldering to make a decent S-AM.

1433. Re: [icomr75] Re: NON-MODIFIED STOCK R75 SYNC-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-04 20:20:15 UTC
From: Dave
Topic: 1410 Message: 1433

The encoder can be interpolated. But, like I said, the Lowe's for music on Radio New Zealand, the ICOM's for critical Utes.
----- Original Message -----
From: Zacharias Liangas
To: Mark Veldhuis ; icomr75@yahoogroups.com
Sent: Thursday, April 04, 2002 21:38
Subject: RE: [icomr75] Re: NON-MODIFIED STOCK R75 SYNC-AM

>
> > Lowe HF150 is only a basic communications receiver but does
> > not have the 1 Hz resolution. It only has a kHz resolution .
>
> The display shows 1 kHz. Steps indeed, but the actual tuning steps are 8
> Hz in SSB, 60 in AM.
Surely , but you are not so sure for the exact freq , this is what i meant !
> _____
pen-DX sejak 72 - anggota World-DX-Club 2104,Play DX, dll
PP: R75/HF150/MVT7100/D2935 + 16m/1x1 + MFJ16010/1040/1025/752c/462
http://www.geocities.com/zliangas/
/trip2k.htm (dlm Bkk,SNG,BAli) /MP3_comp.htm comparison Xing/Fastenc
/napa.htm crash test Napa DAV315 MP3 player

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1434. Re: NON-MODIFIED STOCK R75 SYNC-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-04 23:35:28 UTC
From: frscistercian
Topic: 1410 Message: 1434

--- In icomr75@y..., "uncle_ziba" <uncle_ziba@y...> wrote:
> --- In icomr75@y..., "frscistercian" <piggin@m...> wrote:
> > What's with this slavish worship of sync anyhow?Why not use ecss?
>
> Hey frscistercian, why are you so critical of people who find fun
and
> personal challenge in hacking R-75's S-AM? BTW, you have to buy an
> expensive wide SSB filter to make ecss fidelity comparable with AM,
> while it costs only $10 in radio shack parts and a few hours of
> soldering to make a decent S-AM.
I am not critical of doing mods...that's cool.I just don't get the
obsession with syncro am.Many people seem to beleive that without
sync a rig is somehow 'second rate'.I find that notion silly.My
favorite rigs dont have it.But I mostly chase milcom and
utilitys....so I admit some bias in that regard.

1435. R75 audio quality

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-05 12:54:05 UTC
From: Jem Cullen
Topic: 1435 Message: 1435

Why is everyone so hard on the R75 audio, and AF section in general?

I bought a pair KOSS PC multimedia amplied speakers model SXM30 and use them, and I gotta say I think the audio is fantastic!

Put it this way notonly is this my DX radio, but when im listening to my Local MW news/chat and music ABC station, this is now the radio of choice. As such the R75 is on all day evry day...

Also I find the volume control is fine, both thru the speakers or phones, I have never even thought it steppy or had trouble with right volume leverl. Could be speakers/phones are not a god match for the rig, if you cant find right audio level.

73 de jem

_____
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http://photos.msn.com/support/worldwide.aspx

1436. Re: [icomr75] R75 audio quality

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-05 14:49:53 UTC
From: Dave Ulrick
Topic: 1435 Message: 1436

On Fri, 5 Apr 2002, Jem Cullen wrote:

> Why is everyone so hard on the R75 audio, and AF section in general?

I think folks are complaining about the rather poor performance of the R75's AGC circuit on fading signals, especially those which rapidly fade in and out. If the 25M or 19M bands are coming in after dark, they are often full of such signals. Whether the AGC is set to fast or slow, such signals often cause a rapid "pumping" effect as the AGC tries to keep the volume stable as the signal fades in and out. As I understand it, the R75's AGC time constant is not well suited for rapidly fading AM signals; instead, they were chosen with SSB audio in mind. There are mods which are supposed to correct the AGC time constant to eliminate the "pumping". I'm not clear on what effect if any these mods have on the AGC in SSB mode.

Thankfully, the stock R75 has a workaround for the problem: if you turn AGC OFF and adjust the RF gain knob until the S-meter's reading is "stuck" at the same level where it peaks when the AGC is on, you'll often end up with very nice and stable audio without "pumping". Once I got the hang of this technique, it became so easy that I've seen no need to perform any AGC mods.

> I bought a pair KOSS PC multimedia amplied speakers model SXM30
> and use them, and I gotta say I think the audio is fantastic!

I have a single Radio Shack (aka RCA) minispeaker plugged into my R75's external speaker jack. I think the audio is very, very good. Unlike the R75's internal speaker, this speaker actually has some bass, but ham QSOs and other voice-only program material sounds fine, too.

> Put it this way notonly is this my DX radio, but when im listening
> to my Local MW news/chat and music ABC station, this is now the
> radio of choice. As such the R75 is on all day evry day...

Like you, I've found that the R75's MW audio is very good. In fact, the fact that its audio with local MW stations is so good helps to confirm that the radio's audio problem has to do primarily with the AGC circuit. After all, local MW stations come in via groundwave rather than skywave propagation, so they don't suffer from fading.

> Also I find the volume control is fine, both thru the speakers or
> phones, I have never even thought it steppy or had trouble with
> right volume leverl. Could be speakers/phones are not a god match
> for the rig, if you cant find right audio level.

Like you, I have no problem with the volume control on my R75.

> 73 de jem

Dave
--
==
Dave Ulrick, Systems Programmer E-mail: d-ulrick@...
Northern Illinois University Web: http://www.niu.edu/~ulrick/
DeKalb, IL, USA

1437. Mod file corrupt? R75_AM_and_SAM_mod_VER11.pdf

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-06 00:42:14 UTC
From: jczla890
Topic: 1437 Message: 1437

I tried to view and download this file 3 times and it gets an error from acrobat reader. Anybody who can help, please do. Thx. JA

1438. RE: {SPAM?} [icomr75] Mod file corrupt? R75_AM_and_SAM_mod_VER11.pdf

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-06 01:14:00 UTC
From: T. Harding
Topic: 1437 Message: 1438

I had trouble also and thought my acrobat reader , version 4, was corrupt.
I downloaded version 5 and have had no problems since. I was able to open
the file after the upgrade.
-----Original Message-----
From: jczla890 [mailto:jczla@...]
Sent: Friday, April 05, 2002 7:42 PM
To: icomr75@yahoogroups.com
Subject: {SPAM?} [icomr75] Mod file corrupt? R75_AM_and_SAM_mod_VER11.pdf

I tried to view and download this file 3 times and it gets an error
from acrobat reader. Anybody who can help, please do. Thx. JA

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1439. Re: [icomr75] Mod file corrupt? R75_AM_and_SAM_mod_VER11.pdf

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-06 00:18:39 UTC
From: Dave
Topic: 1439 Message: 1439

I get a FONT error but the thing opens fine. Acrobat 3.1.
----- Original Message -----
From: jczla890
To: icomr75@yahoogroups.com
Sent: Saturday, April 06, 2002 01:42
Subject: [icomr75] Mod file corrupt? R75_AM_and_SAM_mod_VER11.pdf

I tried to view and download this file 3 times and it gets an error
from acrobat reader. Anybody who can help, please do. Thx. JA

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[Non-text portions of this message have been removed]

1440. Re: R75 audio quality

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-06 01:22:21 UTC
From: just_rtfm
Topic: 1435 Message: 1440

hi Dave:

> As I understand it, the R75's AGC time constant is not well
> suited for rapidly fading AM signals;

my understanding is that the AM chip has its own AGC and it is set to 'fast' which negates the button setting on AM. the mod (capacitor) is soldered directly to this AM chip.

i agree with your work arounds. i have not moded my R75 (yet) and plenty of problem can be solved via learning the R75's quirks... this is what harry helms suggested in his book. R75 users are lucky: we have a big arsenal of features, great user community, and plenty of mods. life is good ;)

phil :)

1441. Re: Mod file corrupt? R75_AM_and_SAM_mod_VER11.pdf

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-06 01:28:56 UTC
From: pjrohio@ntr.net
Topic: 1439 Message: 1441

I don't get to view ANY PDFs.
I'm still using Windows 3.11.

:(

- Patrick (...shopping for a new computer system.)

1442. Re: [icomr75] Mod file corrupt? R75_AM_and_SAM_mod_VER11.pdf

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-06 19:56:47 UTC
From: Zacharias Liangas
Topic: 1437 Message: 1442

What version you use?
I use the ver 4 and everything is going OK

On 6 Apr 2002 at 0:42, you wrote:

> I tried to view and download this file 3 times and it gets an error
> from acrobat reader. Anybody who can help, please do. Thx. JA
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

---
pen-DX sejak 72 - anggota World-DX-Club 2104,Play DX, dll
PP: R75/HF150/MVT7100/D2935 + 16m/1x1 +
MFJ16010/1040/1025/752c/462
http://www.geocities.com/zliangas/
/trip2k.htm (dlm Bkk,SNG,BAli) /MP3_comp.htm comparison Xing/Fastenc
/napa.htm crash test Napa DAV315 MP3 player

1443. Antenna questions

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-06 20:20:50 UTC
From: kd7hcw
Topic: 1443 Message: 1443

Hi, proud new owner of an R75. Been reading this group since I ordered it -- this is a great group!

I'm going to be setting up a 75'-100' longwire antenna (inverted-L), and had a question about the connection to the radio.

Is it better to use a balun to go to 50ohms and connect that or just to connect via the longwire connector? The manual says the 50ohm is for a Yagi, so I was thinking they were recommending a longwire should just go to the provided connector.

Also, on the feedline, is it critical to use standoffs from the building? If I don't, is the risk interference or static discharge?

What about burying the feedline? I'd like to place the antenna some distance from the house and the best way for me to run the feedline would be to bury it.

Thanks for the help, and I look forward to being an active member!

-Lou

1444. RE: [icomr75] Antenna questions

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-06 20:33:41 UTC
From: T. Harding
Topic: 1443 Message: 1444

I purchased an antenna tuner when I ordered my R75. I don't use it. My longwire works just fine going into the wire antenna connector on the back. I'm not using coax on the longwire It runs from my radio, out underneath the window, and over to a tree. When I put my dipole up, I'll use the 50 ohm connector.

-----Original Message-----
From: kd7hcw [mailto:kd7hcw@...]
Sent: Saturday, April 06, 2002 3:21 PM
To: icomr75@yahoogroups.com
Subject: [icomr75] Antenna questions

Hi, proud new owner of an R75. Been reading this group since I ordered it -- this is a great group!

I'm going to be setting up a 75'-100' longwire antenna (inverted-L), and had a question about the connection to the radio.

Is it better to use a balun to go to 50ohms and connect that or just to connect via the longwire connector? The manual says the 50ohm is for a Yagi, so I was thinking they were recommending a longwire should just go to the provided connector.

Also, on the feedline, is it critical to use standoffs from the building? If I don't, is the risk interference or static discharge?

What about burying the feedline? I'd like to place the antenna some distance from the house and the best way for me to run the feedline would be to bury it.

Thanks for the help, and I look forward to being an active member!

-Lou

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[Non-text portions of this message have been removed]

1445. Re: [icomr75] Antenna questions

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-06 19:42:38 UTC
From: Dave
Topic: 1443 Message: 1445

It depends entirely on the amount of local electrical noise at your location. The part you call "feedline" is actually the antenna also, so don't bury it. I just use surplus Teflon insulated stranded wire (one piece for the whole thing). Out through a vent, wrapped a few turns around a few screws under the eaves, to a 27' mast, right angle to the far corner of the yard. About 125' Total. Works great. If you want to use co-ax, read up.

http://www.hard-core-dx.com/nordicdx/antenna/feed/

----- Original Message -----
From: kd7hcw
To: icomr75@yahoogroups.com
Sent: Saturday, April 06, 2002 21:20
Subject: [icomr75] Antenna questions

Hi, proud new owner of an R75. Been reading this group since I ordered it -- this is a great group!

I'm going to be setting up a 75'-100' longwire antenna (inverted-L), and had a question about the connection to the radio.

Is it better to use a balun to go to 50ohms and connect that or just to connect via the longwire connector? The manual says the 50ohm is for a Yagi, so I was thinking they were recommending a longwire should just go to the provided connector.

Also, on the feedline, is it critical to use standoffs from the building? If I don't, is the risk interference or static discharge?

What about burying the feedline? I'd like to place the antenna some distance from the house and the best way for me to run the feedline would be to bury it.

Thanks for the help, and I look forward to being an active member!

-Lou

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[Non-text portions of this message have been removed]

1446. FL-102

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-06 21:48:58 UTC
From: Sarmento Fernandes R Campos
Topic: 1446 Message: 1446

Hi

I have just added a FL-257 filter with good results, specially when listening broadcast throught AM mode.

But I think there is a gap between this one to the stock 15kHz, so how could we effectly install a FL-102 in the second 9MHz position, since the menu does not list this option ? Is it necessary to replace the stock with this one so it would not necessary make any config setup ?

Could someone please detail this ?

Best regards,

Sarmento Campos
Rio de Janeiro - Brasil
Icom R75 AF-DSP MFJ-1045C Longwire
Sony 7600G

[Non-text portions of this message have been removed]

1447. Re: [icomr75] Antenna questions

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-07 00:44:59 UTC
From: Heinz Diehl
Topic: 1443 Message: 1447

On Sat Apr 06 2002, kd7hcw wrote:

> Is it better to use a balun to go to 50ohms and connect that or just
> to connect via the longwire connector?

To avoid introduction of distortion and noise you should use the
50 Ohms connector since you can use coax cable to the outside and place
your antenna away from any tv-set, computer and other devices inside the
house. A magnetic balun works great with all kinds of longwires.

--
Heinz Diehl, 68259 Mannheim, Germany

1448. Re: Mod file corrupt? R75_AM_and_SAM_mod_VER11.pdf

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-07 03:38:04 UTC
From: jczla890
Topic: 1437 Message: 1448

Thanks. I downloaded version 5 today (was using ver 3). It is fine
now.

--- In icomr75@y..., "Zacharias Liangas" <zliangas@c...> wrote:
> What version you use?
> I use the ver 4 and everything is going OK
>
> On 6 Apr 2002 at 0:42, you wrote:
>
> > I tried to view and download this file 3 times and it gets an
error
> > from acrobat reader. Anybody who can help, please do. Thx. JA

1449. Re: Antenna questions

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-07 18:25:32 UTC
From: frscistercian
Topic: 1443 Message: 1449

I use a 140ft windom(like a longwire but fed 20% off one end, and the line comes straight into the window with a lightning arrestor connected to a good ground.You cant bury a single wire feeder without losses and noise introducion so if you must bury the line use good quality coax and a balun at the longwire.The balun and coax are pricey (compared to plain wire).A loop of wire connected to the coax directly may suprise you.As an experiment I built a 9 x8 foot loop on one wall of the shack with magnetwire.Coax feeds the 50 ohm port of the radio.I am amazed at what I can hear with such a modest antenna (Chinese Volmet,new zealand volmet, tokyo volmet etc on 13282 and 13285).Noise is low and I plan to erect a much bigger version outside.

-- In icomr75@y..., "kd7hcw" <kd7hcw@y...> wrote:
> Hi, proud new owner of an R75. Been reading this group since I
> ordered it -- this is a great group!
>
> I'm going to be setting up a 75'-100' longwire antenna (inverted-
L),
> and had a question about the connection to the radio.
>
> Is it better to use a balun to go to 50ohms and connect that or
just
> to connect via the longwire connector? The manual says the 50ohm
is
> for a Yagi, so I was thinking they were recommending a longwire
> should just go to the provided connector.
>
> Also, on the feedline, is it critical to use standoffs from the
> building? If I don't, is the risk interference or static discharge?
>
> What about burying the feedline? I'd like to place the antenna
> some distance from the house and the best way for me to run the
> feedline would be to bury it.
>
> Thanks for the help, and I look forward to being an active member!
>
> -Lou

1450. Re: longwire antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-07 19:25:31 UTC
From: Eddie Bryant
Topic: 1450 Message: 1450

Hello Lou,

Welcome to the R75 Group and I think you will be really pleased
with the performance of the R75 and especially if you go
with an external antenna as well.

> Is it better to use a balun to go to 50ohms and connect that or just
> to connect via the longwire connector?

At minimum I would use coax from the rear of the R75 (antenna 1)
until it gets outside of the house. Even further would be great as
your post suggested you will be placing the antenna a distance
aways from your house. The coax will provide shielding against
interference from many household items as it makes it way through
the home. RG-8X or RG58 coax is probably just fine. There are
many types of coax and your can spend alot or a little. I use RG8X.
Soldering up one of these PL259 connectors is a chore and requires
a great deal of heat from a soldering iron. You may be able to find
these cable assemblies preassembled to the legnth you need if you
do some looking around.

> Also, on the feedline, is it critical to use standoffs from the
> building? If I don't, is the risk interference or static discharge?

Standoffs you are refering to are only necessary on the ladder line
twin-lead (300 ohm TV type) feed-line. Especially when in
proximity to metal objects. This type of feed line is desired by some
Ham Operators but for your R75 coax should work fine. Coax is
unaffected by the metal close to it.

A good ground would be important since you are going to have this
giant piece of metal up in the air. A ground from the radio chassis
to an 8 foot copper ground rod closely outside should work. Again
this needs to be close to the radio. You could use your copper water
pipes for a grounding point if that is what your house has. Most now
use PVC. You also may want to ground the coax before it enters the
house to the same ground rod or point the radio is connected to. Also
I might also mention that the wall outlet ground is not sufficient for this
type of radio/antenna ground.

> What about burying the feedline? I'd like to place the antenna
> some distance from the house and the best way for me to run the
> feedline would be to bury it.

There are specific coax cables that are made for burying. You also
could run an underground conduit to snake the coax through. This
would be the most desirable as coax will age and need replacing

eventually. Plus you would not need buriable coax then.

Here is a neat link that details some of the questions concerning
Shortwave anteannas:

http://www.rnw.nl/realradio/practical/html/antenna_advice.html

Good Luck with your radio and antenna !

Ed
N4UMJ

1451. FM Mode - Help

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-08 00:36:27 UTC
From: homer9600
Topic: 1451 Message: 1451

I know this must have a simple answer but how do I access the FM Mode.
I have followed the instruction book, however when I press the FM
Mode button the radio merely remains on the same frequency and all I
hear is a bleed-through of whatever SW frequency I was on.

Can someone explain this to me - I must be missing something.

Thanks.

1452. Re: [icomr75] FM Mode - Help

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-07 23:55:12 UTC
From: Dave
Topic: 1451 Message: 1452

Your radio doesn't receive the 87.9 to 107.9 mHz FM band. It switches to FM demodulation on whatever frequency you are tuned to. FM Phone transmissions can be anywhere, but 26 to 60 mHz is most likely. Try 59.75 mHz if you have a CH 2 TV station anywhere nearby. Below that is the 6 m amateur band. A lot of State Police transmissions are around 40 mHz.
----- Original Message -----
From: homer9600
To: icomr75@yahoogroups.com
Sent: Monday, April 08, 2002 01:36
Subject: [icomr75] FM Mode - Help

I know this must have a simple answer but how do I access the FM Mode.
I have followed the instruction book, however when I press the FM
Mode button the radio merely remains on the same frequency and all I
hear is a bleed-through of whatever SW frequency I was on.

Can someone explain this to me - I must be missing something.

Thanks.

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[Non-text portions of this message have been removed]

1453. Re: FM Mode - Help

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-08 01:18:18 UTC
From: homer9600
Topic: 1451 Message: 1453

Thanks, I understood it was not a regular FM band, I tried the channel 2 frequency but it comes in clearer in the AM mode than if I select FM. Is there something I need to do besides pressing the FM button? I use ANT 1 with a longwire.

Thanks again.

--- In icomr75@y..., "Dave" <rickets@s...> wrote:
> Your radio doesn't receive the 87.9 to 107.9 mHz FM band. It switches to FM demodulation on whatever frequency you are tuned to. FM Phone transmissions can be anywhere, but 26 to 60 mHz is most likely. Try 59.75 mHz if you have a CH 2 TV station anywhere nearby. Below that is the 6 m amateur band. A lot of State Police transmissions are around 40 mHz.
> ----- Original Message -----
> From: homer9600
> To: icomr75@y...
> Sent: Monday, April 08, 2002 01:36
> Subject: [icomr75] FM Mode - Help
>
>
> I know this must have a simple answer but how do I access the FM Mode.
> I have followed the instruction book, however when I press the FM
> Mode button the radio merely remains on the same frequency and all I
> hear is a bleed-through of whatever SW frequency I was on.
>
> Can someone explain this to me - I must be missing something.
>
> Thanks.
>
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>
> [Non-text portions of this message have been removed]

1454. Re: [icomr75] Re: FM Mode - Help

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-08 01:52:27 UTC
From: Dave
Topic: 1451 Message: 1454

You need to be in the WIDE filter mode for TV audio.
----- Original Message -----
From: homer9600
To: icomr75@yahoogroups.com
Sent: Monday, April 08, 2002 02:18
Subject: [icomr75] Re: FM Mode - Help

Thanks, I understood it was not a regular FM band, I tried the channel
2 frequency but it comes in clearer in the AM mode than if I select
FM. Is there something I need to do besides pressing the FM button?
I use ANT 1 with a longwire.

Thanks again.

--- In icomr75@y..., "Dave" <rickets@s...> wrote:
> Your radio doesn't receive the 87.9 to 107.9 mHz FM band. It
switches to FM demodulation on whatever frequency you are tuned to.
FM Phone transmissions can be anywhere, but 26 to 60 mHz is most
likely. Try 59.75 mHz if you have a CH 2 TV station anywhere nearby.
Below that is the 6 m amateur band. A lot of State Police
transmissions are around 40 mHz.
> ----- Original Message -----
> From: homer9600
> To: icomr75@y...
> Sent: Monday, April 08, 2002 01:36
> Subject: [icomr75] FM Mode - Help
>
>
> I know this must have a simple answer but how do I access the FM
Mode.
> I have followed the instruction book, however when I press the FM
> Mode button the radio merely remains on the same frequency and all
I
> hear is a bleed-through of whatever SW frequency I was on.
>
> Can someone explain this to me - I must be missing something.
>
> Thanks.
>
>
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[Non-text portions of this message have been removed]

1455. 2.8 kHz FILTER @ 9 MHz IF

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-08 04:47:22 UTC
From: just_rtfm
Topic: 1455 Message: 1455

hi everyone:

is ECSS noticeably different using the 2.8 kHz FILTER @ 9 MHz IF?
does the 3.3 kHz filter @ 455 kHz IF work well on ECSS? i need some
feedback!

thanks
phil :)

1456. Re: [icomr75] 2.8 kHz FILTER @ 9 MHz IF

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-08 05:40:24 UTC
From: Gert Nilsson
Topic: 1455 Message: 1456

Hallo Phil!

I have both filters and use them for ECSS. Both works great. Better fidelity than the standard 2,4 kHz filters. When you recieve SSB the standard setting is about -20db point of the filters. In ECSS you probably want a little more low frequency audio and adjust the PBT to perhaps the -6 dB point for the carrier. With the 2,8 kHz filter you don't have to use the PBT when changing sidebands.

----- Original Message -----
From: just_rtfm
To: icomr75@yahoogroups.com
Sent: Monday, April 08, 2002 5:47 AM
Subject: [icomr75] 2.8 kHz FILTER @ 9 MHz IF

hi everyone:

is ECSS noticeably different using the 2.8 kHz FILTER @ 9 MHz IF?
does the 3.3 kHz filter @ 455 kHz IF work well on ECSS? i need some
feedback!

thanks
phil :)

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[Non-text portions of this message have been removed]

1457. New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-09 02:58:31 UTC
From: icomr75@yahoogroups.com
Topic: 242 Message: 1457

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the icomr75
group.

File : /R75 XL manager/R75XLmanager.zip
Uploaded by : gurljo <rado@...>
Description :

You can access this file at the URL

http://groups.yahoo.com/group/icomr75/files/R75%20XL%20manager/R75XLmanager.zip

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

gurljo <rado@...>

1458. R75 XL manager

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-09 02:57:06 UTC
From: Radostin Danev
Topic: 1458 Message: 1458

Hi R75ers,

Inspired by this wonderful XL app:

http://www.arachnoid.com/easytuner/index.html

Yesterday I made some lame (my first) attempts with MS Excel and VisualBasic. The workbook I am uploading in the files section is a simple memory manager/tuner for R75. Excel provides great tools for sorting, filtering and managing frequency data.
Let's make this a public domain project of this group. If there are some Excel/VisualBasic gurus here - please help. I have some success with filtering the ILGradio database for "now on air" frequencies. Also I will add a "remote scan" i.e. to scan a list of frequencies directly from Excel.

Feel free to play/modify/improve the workbook. Ideas and suggestions are also welcome.

Best regards,

Rado

1459. Some thoughts

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-09 03:51:23 UTC
From: Radostin Danev
Topic: 1459 Message: 1459

I had this thought yesterday ... Why Icom is not introducing an IF DSP receiver? To Like their PROII without the transmitter part and some small modifications to the firmware to make it more suitable as a receiver. Maybe R75 sales are still going well. But such receiver will be placed between R75 and PROII in price (like $1200 to $1500) - so I don't think it will harm the R75 sales. Or there is no market for it? How about "open firmware" DSP receiver. I know Icom is not great sharer ... just a dream. How about PC-based IF DSP receiver. The final IF (for example 13kHz) is fed to the sound card and the DSP processing is done on the PC.Something like this could be done with R75 - use the widest SSB filter setting and feed the audio to the sound card. PCs are fast enough nowadays.

What do you think?

Rado

1460. Re: Some thoughts

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-09 05:44:10 UTC
From: just_rtfm
Topic: 1459 Message: 1460

hello there Rado!!!

i have thought the same things! (my second hobby is dreaming) a few months ago i sent ICOM America a letter about making a DSP IF receiver. i told them that to reduce R&D just remove the transmitter section off their 746 Pro or 756 Pro II and market it, same box, etc. they said they were passing the idea on to corporate ICOM in japan.

it may be possible that the 718 (R75) are next for getting a DSP IF: ala R75 Pro. although i suspect ICOM feels that low cost is the better alternative in this market. if it costs too much it will compete directly with drake and 7030+ where people want conveniences like sync detection. (makes me wonder what passport will say about the RX-350) IMO ICOM feels this feature is superfluous.

if ICOM cared about the feature they could just hire a skilled technician to mod the units as per your pdf before they leave the factory. i have to think this would be very cost effective... with a rework station a person could do a lot of units in an 8 hour day! especially if they were a contract worker with no benefits etc. however, if these minor flaws are what is keeping the cost down then i hope their next receiver's sync detector is busted too :D.

IMO having a DSP IF must be nice but nothing is wrong with two good filters... one for AM or ECSS and one for ham. i think we can see this with the 746 versus 746 Pro... the DSP adds a lot of cost ~$700 (i believe) but i am not so sure what you gain is worth it. i could get some killer 'normal' filters for much less. plus good DSP's add expense, programming them adds expense, and the firmware adds gray hair to programmers... i am sure the people at TenTec would agree.

i too have dreamed about an open firmware DSP receiver. i am much better at programming than electronics. yes, use the computer for the DSP! occasionally i use DSP software for filtering and processing power is never a problem. i think your idea is great and i wished TenTec would have done this. they could have brought the cost of a professional receiver down by using the PC to do the DSP work. a black box for $700 that can hang with the RX-340... now that would be cool! i do not think this would be 'that' hard for them. at that price you could buy a $500 computer to run it with still only pay $1200 total.

phil :)

1461. Re: Some thoughts

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-09 15:10:14 UTC
From: rsakabu
Topic: 1459 Message: 1461

Quite honestly, unless Icom puts considerably more effort into the IF DSP, it won't be worth it and the consumers (especially self-appointed "expert" reviewers) will blast them for it. I have a 746 (non-Pro) and I cannot say that the receive portion of the radio is any better than the R-75. There are more features like the simple bandscope and graphics for the TPBT, but the IF DSP doesn't do any more than the R-75, or to put a positive spin on it, the R-75's AF DSP is just about as good as the 746's IF DSP performance.

Both do an excellent job at ANF (really helpful when knocking out Lids who tune up on a QSO, or a nearby broadcast station on 40 meters) and both are mediocre at reducing noise with the NR function. The 746 is a tiny bit better simply because the NR is "continuously" variable rather than in steps, but the RF gain does a much better job at reducing atmospheric hash on SSB than the NR.

Now if you want a really "killer" receiver, get a 756ProII, don't plug in the mike and add an external speaker (you'll also have to get a C-IV converter if you want computer control). The steeper filter skirts, the realtime bandscope and the TFT display would make that the ideal receiver for me. Unfortunately, I don't want to spend $3000 for it and I doubt Icom can make it for anywhere near $1000.

Oh well, at least we can dream.

73
Roy
AD6ZU

1462. Re: [icomr75] Re: Some thoughts

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-10 00:39:46 UTC
From: Radostin Danev
Topic: 1459 Message: 1462

Hi Roy,

> Now if you want a really "killer" receiver, get a 756ProII,
> don't plug in the mike and add an external speaker (you'll also have
> to get a C-IV converter if you want computer control). The steeper
> filter skirts, the realtime bandscope and the TFT display would make
> that the ideal receiver for me. Unfortunately, I don't want to spend
> $3000 for it and I doubt Icom can make it for anywhere near $1000.

These were exactly my thoughts - why not make a receiver from the 756ProII
by taking out the transmitter. This should reduce the price. I think they
can sell it in the range $1200 to $1500 - no R&D costs, small or no
modifications to the ProII production line tools.
It is realistic ... I was wondering why Icom is not taking this step.

Best regards,

Rado

1463. Re: [icomr75] Re: Some thoughts

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-10 01:11:44 UTC
From: Radostin Danev
Topic: 1459 Message: 1463

Hi Phil,

> i have thought the same things! (my second hobby is dreaming) a few
> months ago i sent ICOM America a letter about making a DSP IF
> receiver. i told them that to reduce R&D just remove the transmitter
> section off their 746 Pro or 756 Pro II and market it, same box, etc.
> they said they were passing the idea on to corporate ICOM in japan.

If they really sent it I hope the person who receives it at Icom Japan can read English. This is a problem here. If he cannot understand the message - he will simply ignore it. They never admit they do not understand something. This is coming from their writing system - the Kanji's. When I give somebody something to translate me and he is not remembering the meaning of some kanji's he tries to guess the "missing" words. Sometimes this leads to an erroneous translation. Not knowing the kanji's speaks bad about a person - it is like being non educated. That's why they never admit they do not understand. Go figure ... sorry for the off-topic foray ...

> it may be possible that the 718 (R75) are next for getting a DSP IF:
> ala R75 Pro. although i suspect ICOM feels that low cost is the
> better alternative in this market. if it costs too much it will
> compete directly with drake and 7030+ where people want conveniences
> like sync detection. (makes me wonder what passport will say about
> the RX-350) IMO ICOM feels this feature is superfluous.

OK - they keep R75 as low cost alternative and release R76 (756ProII receiver) as competitor to AR7030 and Drake. The synch has to be added to the firmware of course.

> if these minor flaws are what is keeping the cost down then
> i hope their next receiver's sync detector is busted too :D.

:-) Yeah, but if these are firmware flaws in an IF DSP receiver - count me out of the mod team. :-)

> IMO having a DSP IF must be nice but nothing is wrong with two good
> filters... one for AM or ECSS and one for ham. i think we can see
> this with the 746 versus 746 Pro... the DSP adds a lot of cost ~$700
> (i believe) but i am not so sure what you gain is worth it. i could
> get some killer 'normal' filters for much less.

I agree here. I had a 756 which I used as a receiver before I got the R75. Real filters sound more "natural" more "easy" on the ears/brain.

> if TenTec would have done this. they could have brought the cost of a
> professional receiver down by using the PC to do the DSP work. a
> black box for $700 that can hang with the RX-340... now that would be

> cool! i do not think this would be 'that' hard for them. at that
> price you could buy a $500 computer to run it with still only pay
> $1200 total.

Maybe one day we will see such thing ... if the shortwave is not dead until
then :-). This market is so small ...

Best regards,

Rado

1464. Re: Some thoughts

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-10 01:53:51 UTC
From: just_rtfm
Topic: 1459 Message: 1464

hi Roy:

nice post! do you know if the 746 Pro is any better than the 746? practically speaking. i have read a few people's post that the Pro version wasn't really worth the extra money.

btw, i was under the impression that the NR /is/ continuously variable from 0-255 (one byte) but the numbers are only advanced every 16th positions... sorta like the backlighting. when you go to program it there is a one byte value (pumped out as BCD) also.

is the 756 Pro II really worth it considering you could put some killer filters in the R75 for that kind of money? for what i do i would almost rather have the R75 with one really good collins filter than the DSP. just some thoughts. :D

phil :)

1465. Re: [icomr75] Re: Some thoughts

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-10 01:27:14 UTC
From: Dave
Topic: 1459 Message: 1465

"Real filters sound more "natural" more "easy" on the ears/brain."

Not all DSP bandpass filters are harsh. My MFJ 784B is pretty easy to listen to. Not a lot of objectionable artifacts. I use it with a Drake SW2. Has anybody tried to remove the tones from WWV with the 102?

----- Original Message -----
From: Radostin Danev
To: icomr75@yahoogroups.com
Sent: Wednesday, April 10, 2002 02:11
Subject: Re: [icomr75] Re: Some thoughts

Hi Phil,

> i have thought the same things! (my second hobby is dreaming) a few
> months ago i sent ICOM America a letter about making a DSP IF
> receiver. i told them that to reduce R&D just remove the transmitter
> section off their 746 Pro or 756 Pro II and market it, same box, etc.
> they said they were passing the idea on to corporate ICOM in japan.

If they really sent it I hope the person who receives it at Icom Japan can read English. This is a problem here. If he cannot understand the message - he will simply ignore it. They never admit they do not understand something. This is coming from their writing system - the Kanji's. When I give somebody something to translate me and he is not remembering the meaning of some kanji's he tries to guess the "missing" words. Sometimes this leads to an erroneous translation. Not knowing the kanji's speaks bad about a person - it is like being non educated. That's why they never admit they do not understand. Go figure ... sorry for the off-topic foray ...

> it may be possible that the 718 (R75) are next for getting a DSP IF:
> ala R75 Pro. although i suspect ICOM feels that low cost is the
> better alternative in this market. if it costs too much it will
> compete directly with drake and 7030+ where people want conveniences
> like sync detection. (makes me wonder what passport will say about
> the RX-350) IMO ICOM feels this feature is superfluous.

OK - they keep R75 as low cost alternative and release R76 (756ProII receiver) as competitor to AR7030 and Drake. The synch has to be added to the firmware of course.

> if these minor flaws are what is keeping the cost down then
> i hope their next receiver's sync detector is busted too :D.

:-) Yeah, but if these are firmware flaws in an IF DSP receiver - count me out of the mod team. :-)

> IMO having a DSP IF must be nice but nothing is wrong with two good
> filters... one for AM or ECSS and one for ham. i think we can see
> this with the 746 versus 746 Pro... the DSP adds a lot of cost ~$700
> (i believe) but i am not so sure what you gain is worth it. i could
> get some killer 'normal' filters for much less.

I agree here. I had a 756 which I used as a receiver before I got the R75.
Real filters sound more "natural" more "easy" on the ears/brain.

> if TenTec would have done this. they could have brought the cost of a
> professional receiver down by using the PC to do the DSP work. a
> black box for $700 that can hang with the RX-340... now that would be
> cool! i do not think this would be 'that' hard for them. at that
> price you could buy a $500 computer to run it with still only pay
> $1200 total.

Maybe one day we will see such thing ... if the shortwave is not dead until
then :-). This market is so small ...

Best regards,

Rado

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[Non-text portions of this message have been removed]

1466. Re: Some thoughts

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-10 02:35:30 UTC
From: just_rtfm
Topic: 1459 Message: 1466

hi Rado!

i thought the same thing about them sending my suggestion to japan... i hope they understand it! i thanked Mr. Inoue in japanese. btw, i was going to ask if you were in japan (e-mail addy)... i have always wanted to go there! do the people like Americans?

i bet the sync will be left off of firmware because IMO ICOM equals amateur (ham) and shortwave is just a side gig... which is why they might go for cutting the transmitter off the 756 Pro II and selling! save some R&D cash. they could do this: dump the R75 (and the 718... i know: blasphemy!) and use that team to take off the transmit sections of the 746 Pro and sell it for $900. hot cakes anyone? :D

> Real filters sound more "natural" more "easy" on the ears/brain.

i have heard this from others. it seems ironic... you can make a perfect 'brick wall' digital filter but in the end you shape them after the real 'flawed' ones :D.

> This market is so small ...

my impression is that companies like TenTec and ICOM have the best chance at survival because of their ham roots. if all the shortwave broadcast transmitters stop tomorrow, some of use can move to mexico to transmit and keep the sport alive. :D

nice to see you posting Rado... we have missed you!
phil :)

1467. Re: Some thoughts

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-10 16:25:30 UTC
From: rsakabu
Topic: 1459 Message: 1467

From what I hear on the 746 and Icom mailing lists, no, the 746 Pro would not be worth the extra money. A very good indication of this is seen when taking a quick look at the used 746 market. The price has not dropped very much since the arrival of the 746Pro meaning that:
a) The 746Pro is not worth dumping your 746 and shelling out the difference between a used 746 and a new 746Pro.
b) The current 746 owners are looking for the best bang for the buck and the old 746 is still a perfect fit for them.

On the other hand, if you look at the used market for many of the "bleeding edge" top of the line rigs, as soon as its replacement comes out, the market gets flooded with the previous model and the used prices drop 20-30%.

The new features of the 746Pro include the choice of steeper skirted software filters, built in TNC interface (you still cannot control the rig directly with RS-232 like you can with the R-75, you'll need a C-IV control cable), variable noise blanker, manual notch filter (so you can remove a heterodyne without losing your CW signal), and selectable AGC time constants. Gone is the choice of optional crystal or mechanical filters. The 746 let you add up to two 9 MHz filters and one 455 kHz filter. This let you experiment with Icom, Inrad, Collins mechanical or whatever filter you wanted. The 746Pro doesn't let you put any additional filters in, they say the DSP choices are all you need. This maybe better, maybe worse, but certainly no choice.

The simple bandscope on the 746Pro is the same as on the 746. It mutes the receiver while it scans the frequencies and displays what's essentially the S-meter readings in each slot. That's where the 756Pro really shines, the scope is realtime and you can see what's out there while still listening. But the 756Pro/ProII does not let you add additional filters either :(

1468. Re: Some thoughts

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-10 17:01:01 UTC
From: lucretius3
Topic: 1459 Message: 1468

--- In icomr75@y..., "Radostin Danev" <rado@n...> wrote:
> Hi Roy,
>
> > Now if you want a really "killer" receiver, get a 756ProII,
> > don't plug in the mike and add an external speaker (you'll also
have
> > to get a C-IV converter if you want computer control). The
steeper
> > filter skirts, the realtime bandscope and the TFT display would
make
> > that the ideal receiver for me. Unfortunately, I don't want to
spend
> > $3000 for it and I doubt Icom can make it for anywhere near $1000.
>
> These were exactly my thoughts - why not make a receiver from the
756ProII
> by taking out the transmitter. This should reduce the price. I think
they
> can sell it in the range $1200 to $1500 - no R&D costs, small or no
> modifications to the ProII production line tools.

LOL. The enhanced display alone is probably worth $1,000 (retail).
If the IF DSP NR and ANF aren't big improvements over the AF version,
them I don't see the point. Perhaps Icom should just improve the
R75's sync detector and add more slots (and logic) for REAL filters.
Increasing the range of the passband tuning wouldn't hurt either. Just
my 2¢.

--
M2

1469. Some more thoughts

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-10 17:59:38 UTC
From: rsakabu
Topic: 1459 Message: 1469

If any of you have a chance to personally get into an amateur radio store such as Ham Radio Outlet or AES, by all means get into the store and try out some of the "big gun" transceivers! Let the store people know that you are not a ham, but want to check out the receive section of the radio, that you are aware that it is not legal to transmit without a license and you have no intention of doing so.

Many of the best receivers are found on ham radios. For 90% of the amateurs out there, the cheapest, most basic transmit section will cover almost their needs. What sets the most expensive rigs apart from the "entry level" ones are the receivers and its receive features. Most hams spend more time listening (*hopefully*) than talking. I personally would rather have a great receiver and an "adequate" transmitter than studio quality transmit sound and a clock radio quality receiver.

Some of the older transceivers make excellent receivers. Most need the help of an external speaker even for amateur and utility listening (those top firing speakers stink). I've been playing with a Kenwood TS-940 and the operation of the rig and the receive quality is incredible. On Friday, I participated in a net on 20 meters and there was another conversation that started up which was centered 1.5 kHz above our frequency at about S7-S9. With the 940's TBPF, I cut the "monkey chatter" out completely and only lost a little of the top end sound of the other stations. On other radios, I've had a hard time with signals twice as far away. The sortwave broadcast receive of the radio is also top notch and by using ECCS, I had no problem with its lack of sync detect.

If you are considering an older rig, make sure it has "general coverage receive" and AM (at least 500 kHz to 30 MHz), otherwise you may be limited to SSB/CW or just the ham bands. For receive antennas, what you are now using will also work fine. A random length of long wire usually works just as good with a ham transceiver as it does with a shortwave radio, sometimes even better.

73
Roy

1470. How long?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-10 22:49:59 UTC
From: Art Burke
Topic: 1459 Message: 1470

Hi to all:

I got my R-75 about 3 weeks ago, and sent in for the DSP in late March.
About how long is it taking ICOM to send out the DSP?

Thanks,

Art

[Non-text portions of this message have been removed]

1471. Re: [icomr75] How long?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-11 00:18:35 UTC
From: Joe Jackson
Topic: 1459 Message: 1471

it took them about 4-5 weeks for me. but i called a couple of times to get
it going. joe jackson
----- Original Message -----
From: "Art Burke" <pianomanab@...>
To: <icomr75@yahoogroups.com>
Sent: Wednesday, April 10, 2002 3:49 PM
Subject: [icomr75] How long?

> Hi to all:
>
> I got my R-75 about 3 weeks ago, and sent in for the DSP in late March.
> About how long is it taking ICOM to send out the DSP?
>
> Thanks,
>
> Art
>
>
> [Non-text portions of this message have been removed]
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

1472. Re: How long?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-11 00:21:49 UTC
From: bobke88
Topic: 1459 Message: 1472

--- In icomr75@y..., "Art Burke" <pianomanab@s...> wrote:
> Hi to all:
>
> I got my R-75 about 3 weeks ago, and sent in for the DSP in late
March.
> About how long is it taking ICOM to send out the DSP?
>
> Thanks,
>
> Art
>
>
> [Non-text portions of this message have been removed]

I sent in my DSP coupon the end of Feb, no DSP yet...

Bobke

1473. Re: Some more thoughts

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-11 00:47:47 UTC
From: lucretius3
Topic: 1459 Message: 1473

--- In icomr75@y..., "rsakabu" <rsakabu@p...> wrote:
> If any of you have a chance to personally get into an amateur radio
> store such as Ham Radio Outlet or AES, by all means get into the
> store and try out some of the "big gun" transceivers! Let the store
> people know that you are not a ham, but want to check out the
receive
> section of the radio, that you are aware that it is not legal to
> transmit without a license and you have no intention of doing so.
>
> Many of the best receivers are found on ham radios. For 90% of the
> amateurs out there, the cheapest, most basic transmit section will
> cover almost their needs. What sets the most expensive rigs apart
> from the "entry level" ones are the receivers and its receive
> features. Most hams spend more time listening (*hopefully*) than
> talking. I personally would rather have a great receiver and
> an "adequate" transmitter than studio quality transmit sound and a
> clock radio quality receiver.

Your opinion differs from mine. I'd much rather have an AR7030+ or an R8B over a ham transceiver for listening any day. In fact, most of Icom's current desktop radios (with the exception of the 775DSP and the R8500) have similar receiver characteristics --basically the same as the R75. However, the higher end transceivers do offer more bells and whistles. But unfortunately, they are not usually much useful for shortwave listening -- lots of CW stuff though. In fact, Icom rigs are NOT generally known for their receive sound quality. (Perhaps you are talking about Kenwood and Yaesu?.) In any case, my local radio club will be acquiring a 756PROII soon and I will spend some time with it. But from what I've already observed and heard from others, I doubt my opinion will change much (but you never know).

--
M2

1474. Re: [icomr75] Re: How long?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-11 02:01:30 UTC
From: Gerald Atherton
Topic: 1459 Message: 1474

It took about six weeks for mine to arrive, but it was worth the wait

Jerry

P.S. I have had my R-75 for a year and a half and like it very much just
the way it came out of the box.

At 07:21 PM 4/10/02, you wrote:
>--- In icomr75@y..., "Art Burke" <pianomanab@s...> wrote:
> > Hi to all:
> >
> > I got my R-75 about 3 weeks ago, and sent in for the DSP in late
>March.
> > About how long is it taking ICOM to send out the DSP?
> >
> > Thanks,
> >
> > Art
> >
> >
> > [Non-text portions of this message have been removed]
>
>I sent in my DSP coupon the end of Feb, no DSP yet...
>
>Bobke
>
>
>
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1475. Re: Some thoughts

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-11 03:02:18 UTC
From: just_rtfm
Topic: 1459 Message: 1475

hi M2:

> LOL. The enhanced display alone is probably worth $1,000

in that case forget it lol. i agree... ICOM could fix all the 'warts'
on the R75 and really have a killer unit.

phil :)

1476. RE: [icomr75] How long?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-11 03:25:23 UTC
From: Alan Lloyd
Topic: 1459 Message: 1476

I sent my coupon on March 13 (the day I bought the rig) and haven☐t received it yet ☐ I believe Icom stated 4-6 weeks delivery time. Trust me that it is worth the wait . . . I have the Icom 718 with the same DSP installed and it does a great job in that rig. BTW, these two radios LOOK fantastic sitting next to each other ☐ almost makes me want to have the IC-910H to complete the set! ☐Transceive☐ function is neat as well . . you can use the R75 for the ☐ears☐ and transmit with the 718.

Alan,

KØADL

-----Original Message-----
From: Art Burke [mailto:pianomanab@starpower.net]
Sent: Wednesday, April 10, 2002 4:50 PM
To: icomr75@...m
Subject: [icomr75] How long?

Hi to all:

I got my R-75 about 3 weeks ago, and sent in for the DSP in late March. About how long is it taking ICOM to send out the DSP?

Thanks,

Art

[Non-text portions of this message have been removed]

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<http://us.adserver.yahoo.com/l?M=194081.1994012.3473453.1261774/D=egroupmail/S=1705063108:HM/A=1036972/rand=202477632>

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[Non-text portions of this message have been removed]

1477. Re: [icomr75] Some more thoughts

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-11 06:46:20 UTC
From: Todd Gaine
Topic: 1459 Message: 1477

> A random
> length of long wire usually works just as good with a ham transceiver
> as it does with a shortwave radio, sometimes even better.

Out of interest, how would you think that a piece of wire will "work better" depending on what it is connected to? What will the wire do better?

Todd

----- Original Message -----
From: rsakabu
To: icomr75@yahoogroups.com
Sent: Wednesday, April 10, 2002 7:59 PM
Subject: [icomr75] Some more thoughts

If any of you have a chance to personally get into an amateur radio store such as Ham Radio Outlet or AES, by all means get into the store and try out some of the "big gun" transceivers! Let the store people know that you are not a ham, but want to check out the receive section of the radio, that you are aware that it is not legal to transmit without a license and you have no intention of doing so.

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If you are considering an older rig, make sure it has "general coverage receive" and AM (at least 500 kHz to 30 MHz), otherwise you may be limited to SSB/CW or just the ham bands. For receive

antennas, what you are now using will also work fine. A random length of long wire usually works just as good with a ham transceiver as it does with a shortwave radio, sometimes even better.

73
Roy

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[Non-text portions of this message have been removed]

1478. Re: Some more thoughts

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-11 15:16:56 UTC
From: rsakabu
Topic: 1459 Message: 1478

--- In icomr75@y..., "Todd Gaine" <atg@k...> wrote:
> > A random
> > length of long wire usually works just as good with a ham
transceiver
> > as it does with a shortwave radio, sometimes even better.
>
>
> Out of interest, how would you think that a piece of wire
will "work better" depending on what it is connected to? What will
the wire do better?
>
> Todd
>

I guess I misstated. Maybe this will clear it up.

"The same long wire you may be using on your shortwave radio may
work even better on a good ham transceiver than on your shortave
radio." The wire will "work better" on a "better" receiver.

wire + ham radio > wire + shortwave radio (maybe)

This means you don't have to go out and get an "amateur radio
transmitting antenna" just because you went out and got a ham
transceiver if receiveing is all you intend to do.

1479. thanks J gedde for the s-am mod 2.1 - works like a charm

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-12 13:52:42 UTC
From: sp500dogtrainer
Topic: 1479 Message: 1479

I wish i could even follow the math, but my brain seems to have stopped working long ago

1480. R-75 Power Connector

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-13 16:18:08 UTC
From: odxl
Topic: 1480 Message: 1480

I am having trouble locating a power lead to run the R-75 from a cigar lighter socket in the car. The plug on the end that fits the Icom is larger than any I can readily find on the market. Can anyone point me in a direction where I can find one.

Graham Powell
Webmaster for the Online DX Logbook & 21 MHz.Com
Full details available at: http://www.shortwave.org.uk

1481. Re: [icomr75] R-75 Power Connector

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-13 16:58:17 UTC
From: Dave
Topic: 1480 Message: 1481

Radio Shack sells the barrel connectors separately. What are they over there? Tandy Shack?

http://www.radioshack.com/category.asp?catalog%5Fname=CTLG&category%5Fname=CTLG%5F004%5F001%5F003%5F000&Page=1

Perhaps they can cross reference with USA Part #.
----- Original Message -----
From: odxl
To: icomr75@yahoogroups.com
Sent: Saturday, April 13, 2002 17:18
Subject: [icomr75] R-75 Power Connector

I am having trouble locating a power lead to run the R-75 from a
cigar lighter socket in the car. The plug on the end that fits the
Icom is larger than any I can readily find on the market. Can anyone
point me in a direction where I can find one.

Graham Powell
Webmaster for the Online DX Logbook & 21 MHz.Com
Full details available at: http://www.shortwave.org.uk

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[Non-text portions of this message have been removed]

1482. Re: [icomr75] R-75 Power Connector

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-13 18:32:01 UTC
From: Don
Topic: 1480 Message: 1482

The power plug connector on the R75 side is 6.3mm OD / 3.0mm ID. Radio Shack p/n is 274-1572A. I just wrote an email a couple weeks ago about this. Remember the R75 has a 3 amp fuse inside so might want to put a smaller fuse on the outside. I'm using a dual 2 amp fused lead from another Icom product and it works OK.

--
Don
--
-
CAKE001 CASF024 CA6CYF KHN3161 NAMA471
N33d42m W117d59m DM13AQ UTC -7 hrs

1483. Yahoogroups not free anymore?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-15 20:26:57 UTC
From: E de Jong
Topic: 1483 Message: 1483

Sorry for the possible off-topic subject, but is it true all members of free Yahoogroups are going to have to pay for their subscription at the end of april?

Please, what is true about this? If it is true, are there alternatives that stay free?

Can someone give me clear info on this? Thank you...

Ed de Jong
Balk. The Netherlands
URL: http://beam.to/galact
E-mail: ed@... <mailto:ed@...> (default)

_____
{The night hides a world but unveils a universe}

[Non-text portions of this message have been removed]

1484. Re: [icomr75] Yahoogroups not free anymore?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-15 21:09:33 UTC
From: Bruce Jensen
Topic: 1483 Message: 1484

Hi, Ed - Wherefrom your information? I have not heard
this...

I can say, however, that if payment is requested, I
will sadly drop off all Yahoo Groups. UseNet, for
it's shortcomings, is still free.

Remember, subscription mailing lists are still
possible and common.

Bruce Jensen
****
--- E de Jong <ed@...> wrote:
> Sorry for the possible off-topic subject, but is it
> true all members of free Yahoogroups are going to
> have to pay for their subscription at the end of
> april?
>
> Please, what is true about this? If it is true, are
> there alternatives that stay free?
>
> Can someone give me clear info on this? Thank you...
>
> Ed de Jong
> Balk. The Netherlands
> URL: http://beam.to/galact
> E-mail: ed@...
> <mailto:ed@...> (default)
> _____________________________________
> {The night hides a world but unveils a universe}
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

=====
Bruce Jensen, associate of:
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
American Coaster Enthusiasts http://www.aceonline.org/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

Do You Yahoo!?
Yahoo! Tax Center - online filing with TurboTax
http://taxes.yahoo.com/

1485. Re: [icomr75] Yahoogroups not free anymore?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-15 22:05:59 UTC
From: Dave
Topic: 1483 Message: 1485

Considering the level of reliability and service (not to mention the sensory onslaught of pop-up, pop-out, pop-under, buy-our-tiny-camera-and-hide-it-in-the-ladies'-room X-10 ads), that would be pretty cheeky of them.
----- Original Message -----
From: Bruce Jensen
To: icomr75@yahoogroups.com
Sent: Monday, April 15, 2002 22:09
Subject: Re: [icomr75] Yahoogroups not free anymore?

Hi, Ed - Wherefrom your information? I have not heard this...

I can say, however, that if payment is requested, I will sadly drop off all Yahoo Groups. UseNet, for it's shortcomings, is still free.

Remember, subscription mailing lists are still possible and common.

Bruce Jensen
****
--- E de Jong <ed@...> wrote:
> Sorry for the possible off-topic subject, but is it
> true all members of free Yahoogroups are going to
> have to pay for their subscription at the end of
> april?
>
> Please, what is true about this? If it is true, are
> there alternatives that stay free?
>
> Can someone give me clear info on this? Thank you...
>
> Ed de Jong
> Balk. The Netherlands
> URL: http://beam.to/galact
> E-mail: ed@...
> <mailto:ed@...> (default)
> _____________________________________
> {The night hides a world but unveils a universe}
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

=====
Bruce Jensen, associate of:
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
American Coaster Enthusiasts http://www.aceonline.org/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

_____
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http://taxes.yahoo.com/

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icomr75-unsubscribe@egroups.com

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[Non-text portions of this message have been removed]

1486. Re: [icomr75] Yahoogroups not free anymore?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-16 00:47:40 UTC
From: Radostin Danev
Topic: 1483 Message: 1486

Hi Ed,

As moderator of this group I usually receive notifications of such important events.
No such notification yet about fees for subscription at yahoo groups.
I also think that we are bombarded enough with ads to put a fee on top of it.
If they introduce such fees - I think this will be the end of Yahoo.

Best regards,

Rado

----- Original Message -----
From: E de Jong
To: Icom IC-R75
Sent: Tuesday, April 16, 2002 5:26 AM
Subject: [icomr75] Yahoogroups not free anymore?

Sorry for the possible off-topic subject, but is it true all members of free Yahoogroups are going to have to pay for their subscription at the end of april?

Please, what is true about this? If it is true, are there alternatives that stay free?

Can someone give me clear info on this? Thank you...

Ed de Jong
Balk. The Netherlands
URL: http://beam.to/galact
E-mail: ed@... <mailto:ed@...> (default)
_____
{The night hides a world but unveils a universe}

[Non-text portions of this message have been removed]

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icomr75-unsubscribe@egroups.com

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1487. Re: [icomr75] Yahoogroups not free anymore?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-16 18:40:53 UTC
From: E de Jong
Topic: 1483 Message: 1487

Bruce,

Don't remember where or how exactly, but a few weeks ago I read something about it in a newsgroup.

Yesterday I also got a question from a member of the Yahoogroup I moderate myself, and she said that she had received an email from Yahoo asking her to pay $ 19,99 for her Yahoo email address. So she asked if this could also mean that she had to pay for the messages to be send or received via the free groups.

I agree with your opinion. I would also leave all Yahoogroups if that happens.

Thnx!

Ed de Jong
Balk. The Netherlands
URL: http://beam.to/galact
E-mail: ed@... <mailto:ed@...> (default)
_____
{The night hides a world but unveils a universe}

----- Original Message -----
From: Bruce Jensen
To: icomr75@yahoogroups.com
Sent: Monday, April 15, 2002 11:09 PM
Subject: Re: [icomr75] Yahoogroups not free anymore?

Hi, Ed - Wherefrom your information? I have not heard
this...

I can say, however, that if payment is requested, I
will sadly drop off all Yahoo Groups. UseNet, for
it's shortcomings, is still free.

Remember, subscription mailing lists are still
possible and common.

Bruce Jensen
****

[Non-text portions of this message have been removed]

1488. Re: [icomr75] Yahoogroups not free anymore?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-16 20:54:11 UTC
From: Bruce Jensen
Topic: 1483 Message: 1488

Hi, Ed - I believe that Yahoo! has begun to charge for
certain of its premium services related to e-mail,
including larger boxes and forwarding services;
regular e-mail is still free, and the groups are too -
for now.

Bruce Jensen
****
--- E de Jong <ed@...> wrote:
> Bruce,
>
> Don't remember where or how exactly, but a few weeks
> ago I read something about it in a newsgroup.
>
> Yesterday I also got a question from a member of the
> Yahoogroup I moderate myself, and she said that she
> had received an email from Yahoo asking her to pay $
> 19,99 for her Yahoo email address. So she asked if
> this could also mean that she had to pay for the
> messages to be send or received via the free groups.
>
> I agree with your opinion. I would also leave all
> Yahoogroups if that happens.
>
> Thnx!
>
> Ed de Jong
> Balk. The Netherlands
> URL: http://beam.to/galact
> E-mail: ed@...
> <mailto:ed@...> (default)
> _____________________________________
> {The night hides a world but unveils a universe}
>
> ----- Original Message -----
> From: Bruce Jensen
> To: icomr75@yahoogroups.com
> Sent: Monday, April 15, 2002 11:09 PM
> Subject: Re: [icomr75] Yahoogroups not free
> anymore?
>
>
> Hi, Ed - Wherefrom your information? I have not
> heard
> this...

>
> I can say, however, that if payment is requested,
> I
> will sadly drop off all Yahoo Groups. UseNet, for
> it's shortcomings, is still free.
>
> Remember, subscription mailing lists are still
> possible and common.
>
> Bruce Jensen
> ***********
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

=====
Bruce Jensen, associate of:
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
American Coaster Enthusiasts http://www.aceonline.org/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

Do You Yahoo!?
Yahoo! Tax Center - online filing with TurboTax
http://taxes.yahoo.com/

1489. Scan edges

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-17 22:54:03 UTC
From: jim_hack
Topic: 1489 Message: 1489

How do you get P1 and P2 to accept a frequencY? Don't see it in the manual.

1490. Re: Scan edges

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-17 23:35:50 UTC
From: just_rtfm
Topic: 1489 Message: 1490

hi jim_hack:

just go into the memo mode (press V/M) and put it on P1 or P2 (they are located below '1' or above '99') using UP/DN... punch in a number like 0.700 ENTER... then press M/W (memory write). press V/M again to get back to the VFO mode.

phil :)

1491. Re: Scan edges

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-18 01:32:16 UTC
From: just_rtfm
Topic: 1489 Message: 1491

oops forgot something... to get M/W to work you have to press and hold for 2 seconds!

phil :)

1492. Re: Scan edges

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-18 03:52:01 UTC
From: jim_hack
Topic: 1489 Message: 1492

Thanls again, Phil. My, you get around!

--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> oops forgot something... to get M/W to work you have to press and
> hold for 2 seconds!
>
> phil :)

1493. Re: Some thoughts - icom future products

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-18 06:19:34 UTC
From: vk4zss
Topic: 1459 Message: 1493

g'day to all on the r75 forum

only wish i had time to read all the posts
the volume and depth of material is excellent

fwiw

i think you guys are missing the point in looking towards a new and better receiver from icom with if dsp

i am guessing the reality is that you already have the best receiver you are likely to ever get you hands on, (provided you are prepared to open the lid and tinker professionally with mods) and the real question should be : should i buy an extra r75 or two and put aside for future use if the current set ever fails and becomes unrepairable? ditto inrad and icom xtal filters. the r75 will have a strong resale value for decades to come - read difficult to find (tried to acquire a good second hand icom 765 lately?)

i see the present progression towards software defined radios as likely to result in a significant reduction in dynamic range and thus selectivity under strong signal conditions, given the possibilities of producing such sets at lower cost.

the present situation seems to be akin to the late 60s when the first generation of solid state receivers came on the market with generally dreadful performance in terms of dynamic range - even my beloved drake spr4 is a victim and i regard it as second generation.

i have had a 2.8 filter for 3rd IF on order with icom australia for more than 6 months, still no supply, there is such a limited market for expensive add-on accessories to a relatively low-cost limited market product that i suspect the volume of sales is such that it is more trouble than it is worth for icom to handle this stuff and as DSP takes over xtals filters will disappear entirely as a consumer product - along with their great performance. if we are lucky we will be left with at most one second rate xtal filter in the 2nd if and the rest will be software.

good close in dynamic range departed the scene in the 70s with the universal adoption of vhf upconversion and simple 2 pole monolithic xtal filters, now we can kiss goodbye to even moderate space dynamic range as the likely single 2nd IF filter becomes a ceramic unit.

my dreaming is confined to an outboard 2nd and 3rd IF unit for the r75 with about 10 switchable matched pairs of xtal filters for 250Hz, 500Hz, 1kHz, 1.8kHz, 2.1kHz, 2.4kHz, 2.8kHz, 3.3kHz, 4kHz &

6kHz (isn't it a shame the drake r7a was so drifty and unreliable - an otherwise adequate base for a great receiver?). inrad should make the bare accessory and give it away just to create the market for its excellent xtals!

have a nice day

73s gd dx de sam dellit vk4zss

1494. Got my R75 yesterday!!!!!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-17 18:07:38 UTC
From: jim_hack
Topic: 1494 Message: 1494

Everything seems pretty straightforward EXCEPT, I can't seem to get frequencies to WRITE to the scan edges. Looked through the manual several times and I don't see where the P1 and P2 memories are any different than the others. A little help, please?

1496. Re: [icomr75] Got my R75 yesterday!!!!!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-18 12:53:03 UTC
From: Zacharias Liangas
Topic: 1494 Message: 1496

Although i nearly neven used them , they act also as sacnning ends withP1 bing the start and P2 being the end

On 17 Apr 2002 at 18:07, you wrote:

> Everything seems pretty straightforward EXCEPT, I can't seem to get
> frequencies to WRITE to the scan edges. Looked through the manual
> several times and I don't see where the P1 and P2 memories are any
> different than the others. A little help, please?
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

---
pen-DX sejak 72 - anggota World-DX-Club 2104,Play DX, dll
PP: R75/HF150/MVT7100/D2935 + 16m/1x1 + MFJ16010/1040/1025/752c/462
http://www.geocities.com/zliangas/
/trip2k.htm (dlm Bkk,SNG,BAli) /MP3_comp.htm comparison Xing/Fastenc
/napa.htm crash test Napa DAV315 MP3 player

1497. Long Wire Lightening Arrestor

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-18 18:59:40 UTC
From: rbmarshj
Topic: 1497 Message: 1497

I wish to put up a long wire antenna with a single wire lead in. I want to install a lightening arrestor but can only find them for 50 ohm coax. Does anybody know where I can find a lightening arrestor for a single wire lead?

1498. Re: [icomr75] Long Wire Lightening Arrestor

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-19 01:05:40 UTC
From: Dave
Topic: 1497 Message: 1498

Just use the center conductor and make sure the body of the device is well grounded within a few feet.
----- Original Message -----
From: rbmarshj
To: icomr75@yahoogroups.com
Sent: Thursday, April 18, 2002 19:59
Subject: [icomr75] Long Wire Lightening Arrestor

I wish to put up a long wire antenna with a single wire lead in. I
want to install a lightening arrestor but can only find them for 50
ohm coax. Does anybody know where I can find a lightening arrestor
for a single wire lead?

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[Non-text portions of this message have been removed]

1499. Re: [icomr75] Long Wire Lightening Arrestor

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-18 22:33:18 UTC
From: Eric F. Richards
Topic: 1497 Message: 1499

At 06:59 PM 4/18/2002 +0000, rbmarshj wrote:
>I wish to put up a long wire antenna with a single wire lead in. I
>want to install a lightening arrestor but can only find them for 50
>ohm coax. Does anybody know where I can find a lightening arrestor
>for a single wire lead?

Well, your best bet is to "make" one. This isn't hard.

The cheapest (and least reliable) way of doing this is to go to Radio
Shack and getting a NE-2H neon lamp (the bare bulb without the resistor
in the lead) and putting it across the antenna connections.

Far better would be to go to an electronics/surplus house in your city
(practically anyone has one within 25 miles) and pick up a gas discharge
tube. These have a ceramic case and substantially heavier wires off
the ends, and are the working components of most lightning arrestors.
It looks vaguely like an aspirin tablet sandwiched between two metal
caps.

In either case, get a 0.01 uF, 1000 volt capacitor to put between your
radio and the arrestor. So a crude diagram would be:

```
cap.
----||---+---- to antenna
ICOM v
R-75 ^
---------+---- to ground
gas tube
```

...hope this is helpful. Please let me know if it isn't. Your wire
can go up as several thousand volts in potential when storm clouds
are overhead, even if there's no lightning.

Eric

>
>To unsubscribe from this group, send an email to:
>icomr75-unsubscribe@egroups.com
>
>
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."

- Dilbert

1500. Re: Some thoughts - icom future products

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-19 05:05:36 UTC
From: just_rtfm
Topic: 1459 Message: 1500

[third attempt to post this... yahoo still not taking it :( ]

hi vk4zss:

i agree... i inquired before about when ICOM would produce an 'R75 Pro' but would it sell? to do things 'right' would mean paying $700 more, aka the cost difference between the 746 and 746 Pro. forty filters sounds real nice but if it is at the cost of ultimate rejection then forget it, i would rather have one good fixed ICOM, INRAD or Collins filter with 90-100 dB of ultimate rejection and suffer the fidelity loss. in that regard maybe what is needed is a DSP AF Equalizer... a UT-106 'Pro'... we already have a great receiver!

phil :)

1501. Re: Some thoughts - icom future products

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-19 01:52:15 UTC
From: just_rtfm
Topic: 1459 Message: 1501

hi vk4zss:

i agree... i inquired before about when ICOM would produce an 'R75 Pro' but would it sell? to do things 'right' would mean paying $700 more, aka the cost difference between the 746 and 746 Pro. forty filters sounds real nice but if it is at the cost of ultimate rejection then forget it, i would rather have one good fixed ICOM, INRAD, or Collins filter with 90-100 dB of ultimate rejection and suffer with the fidelity loss. in that regard maybe what is needed is a DSP AF Equalizer... a UT-106 'Pro'... we already have a great receiver!

phil :)

1502. Re: Some thoughts - icom future products

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-19 02:08:49 UTC
From: just_rtfm
Topic: 1459 Message: 1502

[sorry people if this is a duplicate, yahoo is acting up again]

hi vk4zss:

i agree... i inquired before about when ICOM would produce an 'R75 Pro' but would it sell? to do things 'right' would mean paying $700 more, aka the cost difference between the 746 and 746 Pro. forty filters sounds real nice but if it is at the cost of ultimate rejection then forget it, i would rather have one good fixed ICOM, INRAD or Collins filter with 90-100 dB of ultimate rejection and suffer the fidelity loss. in that regard maybe what is needed is a DSP AF Equalizer... a UT-106 'Pro'... we already have a great receiver!

phil :)

1503. Re: [icomr75] Re: Some thoughts - icom future products

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-19 06:15:44 UTC
From: Gert Nilsson
Topic: 1459 Message: 1503

Your R75 already have at least 90 dB ultimate rejection! Inrad filters in the 9MHz would be nice, better shape factors. Icom use better filters in the more expensive transceivers. I think the FL80 2,4 kHz should fit nicely in the R75.
----- Original Message -----
From: just_rtfm
To: icomr75@yahoogroups.com
Sent: Friday, April 19, 2002 3:08 AM
Subject: [icomr75] Re: Some thoughts - icom future products

[sorry people if this is a duplicate, yahoo is acting up again]

hi vk4zss:

i agree... i inquired before about when ICOM would produce an 'R75 Pro' but would it sell? to do things 'right' would mean paying $700 more, aka the cost difference between the 746 and 746 Pro. forty filters sounds real nice but if it is at the cost of ultimate rejection then forget it, i would rather have one good fixed ICOM, INRAD or Collins filter with 90-100 dB of ultimate rejection and suffer the fidelity loss. in that regard maybe what is needed is a DSP AF Equalizer... a UT-106 'Pro'... we already have a great receiver!

phil :)

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[Non-text portions of this message have been removed]

1504. Re: Some thoughts - icom future products

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-20 00:42:10 UTC
From: just_rtfm
Topic: 1459 Message: 1504

hi Gert!

> Your R75 already have at least 90 dB ultimate rejection!

thanks for this information. i am *still* trying to decide on a
filter... maybe the problem is that the stock ones are pretty good :D.

phil :)

1505. Re: Yahoogroups not free anymore? - Alternative

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-21 03:03:01 UTC
From: canuckaudiomart
Topic: 1483 Message: 1505

Hello. My name is Rick and I just purchased my iCOM IC-R75 yesterday) Friday and I should receive it this upcoming week - I can't wait.

I have posted this message to let you know that should Yahoo choose to charge for these services, I have my own server and I would volunteer create a listserver for this group or I can create a php bulletin board (from the many programs out there) to continue this fine group's work.

Although I'm new to the group, I will gladly offer up my services to be involved. I'm not a "computer company" but I have a "hobby" of creating and maintaining sites and it makes for great tax write offs (yes I declare the income ;-). I do rent my own server space for my "company", so I have full programming access (I'm not a "propeller head" but I can get by), a listserver, or bulletin board (my preference as I like to go back and read message threads - I don't have messages sent to me on this group, I prefer reading them on the web)are easily set up.

The server would be at www.abstractsolutions.com - there is no commercial benefit, nor hidden agenda for me to offer the services.

If the moderator of this group would like to email me at rick@... ('cause I don't have these web messages emailed to me) I'll gladly discuss the possibilities.

This is a volunteer service I would be giving. Full moderator priveleges and authorities can be set up for the current moderator, and "associates" if he/she wishes. I'd just be in the background, you "guys" would be running it as you do here.

Just wanted to offer my help.

Rick McIntyre
rick@...
new ic-R75 owner, (in the mail!!!!!)

--- In icomr75@y..., "E de Jong" <ed@j...> wrote:
> Bruce,
>
> Don't remember where or how exactly, but a few weeks ago I read something about it in a newsgroup.
>
> Yesterday I also got a question from a member of the Yahoogroup I moderate myself, and she said that she had received an email from Yahoo asking her to pay $ 19,99 for her Yahoo email address. So she asked if this could also mean that she had to pay for the messages to

be send or received via the free groups.
>
> I agree with your opinion. I would also leave all Yahoogroups if
that happens.
>
> Thnx!
>
> Ed de Jong
> Balk. The Netherlands
> URL: http://beam.to/galact
> E-mail: ed@j... <mailto:ed@j...> (default)
> _____
> {The night hides a world but unveils a universe}
>
> ----- Original Message -----
> From: Bruce Jensen
> To: icomr75@y...
> Sent: Monday, April 15, 2002 11:09 PM
> Subject: Re: [icomr75] Yahoogroups not free anymore?
>
>
> Hi, Ed - Wherefrom your information? I have not heard
> this...
>
> I can say, however, that if payment is requested, I
> will sadly drop off all Yahoo Groups. UseNet, for
> it's shortcomings, is still free.
>
> Remember, subscription mailing lists are still
> possible and common.
>
> Bruce Jensen
> **********
>
>
>
> [Non-text portions of this message have been removed]

1506. Re: Yahoogroups not free anymore? - Alternative

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-21 05:15:03 UTC
From: just_rtfm
Topic: 1483 Message: 1506

hi Rick!

you're going to love your R75! it is very nice of you to offer your services and bulletin board space. if yahoo gets anymore annoying (can they get 4 adds on a page?) we might have to take you up on it. you'll find that one of the greatest assets of the R75 is this group... the people on here make the shortwave experience better. you will also find many of us on the newsgroup: rec,radio,shortwave.

welcome aboard!
phil :)

1507. Re: [icomr75] Re: Yahoogroups not free anymore? - Alternative

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-21 13:51:48 UTC
From: Marv
Topic: 1483 Message: 1507

j> you're going to love your R75! it is very nice of you to offer your
j> services and bulletin board space....

Along the same lines Phil, how is your R-75 web site coming alomg? I
have been looking forward to it for some time!
Marv

1508. Filters for BC AM?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-21 17:35:29 UTC
From: Alan Lloyd
Topic: 1483 Message: 1508

I recently bought an R75 and haven□t put any optional filters in it. Although I am a licensed amateur, I bought the R75 primarily for broadcast band DXing and to compliment my IC-718. The secondary interest is to be able to monitor PSK31 signals on other bands during a contest, etc. using two different computer sound cards.

My question: What would you recommend for filter combinations for BC band DXing? I know that there are other options outside those offered by Icom (InRad, Collins?), so I am open to whatever folks think would be the best combination regardless of manufacturer. So tell me your thoughts, and more importantly, defend your recommendation for filter combinations □ in other words, tell me WHY you recommend a particular combination over another for my stated interests. Why is what you are recommending a good thing for me?

Finally, I know some sources for Icom filters, and know about International Radio Co., but are there filters made by Collins for the R75? If so, who sells them? Any other options besides those three companies?

Thanks in advance!

KØADL

[Non-text portions of this message have been removed]

1509. Re: Yahoogroups not free anymore? - Alternative

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-21 22:06:10 UTC
From: just_rtfm
Topic: 1483 Message: 1509

hello Marv!

glad to know you're still hanging here! the website was 'done' but what i really need to do is go over each page and make minor changes (i have learned a few things over the months). it is a decent reference for the R75 and shortwave in general. my ISP still does not have its server space up.

phil :)

1510. Re: Filters for BC AM?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-21 22:18:20 UTC
From: just_rtfm
Topic: 1483 Message: 1510

hi KØADL:

IMO the stock filters are good so fool with them first. for BCB dxing use the dual 2.4 kHz filters and ECSS. if you need narrowing turn the PBTs in opposite directions... need more? consider a 1.8 kHz or 2.1 kHz ICOM or INRAD filter.

as far as digital (PSK-31) signals the stock dual 2.4 kHz filters work great when pumped into your computer's sound card input for decoding. the wider the filters the more 'action' you can see on the software's bandscope. the programs have no problem digging out the signal. i like the freeware program called digipan: http://www.digipan.net/

filter sources: INRAD & ICOM... since 455 kHz is a standard IF you can also purchase them from other manufacturers and solder them in yourself: kiwa, etc.

phil :)

1511. Re: [icomr75] Re: Yahoogroups not free anymore? - Alternative

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-22 01:54:02 UTC
From: Radostin Danev
Topic: 1483 Message: 1511

Hi Rick,

Your site looks very nice.

> I have posted this message to let you know that should Yahoo choose
> to charge for these services, I have my own server and I would
> volunteer create a listserver for this group or I can create a php
> bulletin board (from the many programs out there) to continue this
> fine group's work.

Even if Yahoo is still up it is a nice idea to have bulletin boards instead of/in addition to mailing list.
Bulletin boards are more convenient for reading/accessing from the web (any computer). When trying to read yahoo's archives the adds are really anoying.

> Although I'm new to the group, I will gladly offer up my services to
> be involved. I'm not a "computer company" but I have a "hobby" of
> creating and maintaining sites and it makes for great tax write offs
> (yes I declare the income ;-). I do rent my own server space for
> my "company", so I have full programming access (I'm not a "propeller
> head" but I can get by), a listserver, or bulletin board (my
> preference as I like to go back and read message threads - I don't
> have messages sent to me on this group, I prefer reading them on the
> web)are easily set up.
>
> The server would be at www.abstractsolutions.com - there is no
> commercial benefit, nor hidden agenda for me to offer the services.

If we (the group) decide to move to bulletin boards can you also handle the "Files" section. It contains about 20MB of files/info/etc.? There should be a download section where people could download these files. The uploading could be done by e-mailing the file to the moderator (you). You then check the file and post it.
Another thing - the archives of this group (the knowledge base) have to be taken care of. I can do this job. I will make a PDF file containing all the useful info/disscusions categorized.

> This is a volunteer service I would be giving. Full moderator
> priveleges and authorities can be set up for the current moderator,
> and "associates" if he/she wishes. I'd just be in the background,
> you "guys" would be running it as you do here.

Moderating this gorup until now has been very easy - nothing to moderate. There have been only 1 or 2 cases of messages which I have deleted. I am not sure if moderating a buletin board will be as simple (not time consuming) job? I do not have much free time ... :-(. I will be glad if you can take the moderator job - it is your server space, boards job, idea etc.

About the decision - it will be the group that will decide. I will create a poll.
In any case - if you keep the site open and the people find it more convenient than the yahoo groups the discussions will shift themselves to the bulletin boards. Then this group could be closed (or left as a memorial :-) painlessly.

Another very important thing - can you guarantee that your site will remain non commercial and free to access in the future? Sure you can put one or two adds to cover the traffic costs but do not try to make a proffit!
My experience is that comercializing a hobby never works.

OK ... lets see what the group thinks ...
Meanwhile - you can post from time to time an "add" :-) that your boards are open and try to "light the fire" there ... It never starts by itself ... I remember the first days/weeks of this group ... maybe 50% of the messages are from me. :-)

Best regards,

Rado

1512. New poll for icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-22 01:58:56 UTC
From: icomr75@yahoogroups.com
Topic: 15 Message: 1512

Enter your vote today! A new poll has been created for the
icomr75 group:

What is your opinion on moving the
disscussions to bulletin boards? (see
http://www.abstractsolutions.com/ic-r75)

o Let's do it!
o It is OK, but also keep the mailing list.
o No, I like the mailing list better.

To vote, please visit the following web page:

http://groups.yahoo.com/group/icomr75/polls

Note: Please do not reply to this message. Poll votes are
not collected via email. To vote, you must go to the Yahoo! Groups
web site listed above.

Thanks!

1513. Re: Yahoogroups not free anymore? - Alternative

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-22 03:15:12 UTC
From: canuckaudiomart
Topic: 1483 Message: 1513

--- In icomr75@y..., "Radostin Danev" <rado@n...> wrote:
> Hi Rick,
>
> Your site looks very nice.
>
> Even if Yahoo is still up it is a nice idea to have bulletin boards
>instead of/in addition to mailing list.
> Bulletin boards are more convenient for reading/accessing from the
>web (any computer). When trying to read yahoo's archives the adds
>are really anoying.
> If we (the group) decide to move to bulletin boards can you also
handle the "Files" section. It contains about 20MB of
>files/info/etc.? There should be > a download section where people
could download these files. The uploading could be done by e-mailing
>the file to the moderator (you). You then check the file and post it.

Yes, I can create a download page, that's not a problem. I'd just have to download the existing files from this site, then upload them to my server and create the download page with the appropriate links. Users of the site could email me the new files, or I could create an upload program to do it. I'd have to check to see which was best for the users.

> Another thing - the archives of this group (the knowledge base)
>have to be taken care of. I can do this job. I will make a PDF file
>containing all the useful info/disscusions categorized.

An area on the new site could also have the archives if you are able to put them in a useable format, ie: pdf would work fine. Again, then you could send them to me or post them here and I could upload them to the new site.

> Moderating this group until now has been very easy - nothing to
>moderate.
> There have been only 1 or 2 cases of messages which I have deleted.
>I am not > sure if moderating a buletin board will be as simple (not
>time consuming) job? I do not have much free time ... :-(. I will be
>glad if you can take the moderator job - it is your server space,
>boards job, idea etc.

I have no problem with looking after the moderating. I read all the messages now anyways. I have no doubt there has been little problem. A community like this is not ususally a problem as we're not discussing a life threatening topic ;-)

>
> About the decision - it will be the group that will decide. I will
>create a poll.
> In any case - if you keep the site open and the people find it more
> convenient than the yahoo groups the discussions will shift
>themselves to the bulletin boards. Then this group could be closed >
(or left as a memorial :-) painlessly.
>
> Another very important thing - can you guarantee that your site
>will remain non commercial and free to access in the future? Sure >
you can put one or two adds to cover the traffic costs but do not
>try to make a profit!
> My experience is that comercializing a hobby never works.
>

Yes, I can assure everyone that the new site wouldn't be a profit making venture. I have the server space whether it gets used or not. If the volume of traffic became very large and the server space was consumed in great quantities. If this occurred, I would think that at most I would entertain one standard banner 468 X 60 at the bottom of pages, so there could be "corporate" sponsor to underwrite expenses if they became problematic. But I don't see a problem at this time or in the forseeable future that there should be any need for any type of advertising. As you mention - this is a hobby site, for me as well.

> OK ... lets see what the group thinks ...
> Meanwhile - you can post from time to time an "add" :-) that your
>boards are open and try to "light the fire" there ... It never
>starts by itself ... I remember the first days/weeks of this
group ... maybe 50% of the messages are from me. :-)
>

Well, if the group were mostly interested in moving to a different format, then the move would happen as people chose to use the new format, and it would be a fairly quick change over if accepted.

I look forward to everyone's thoughts.

Check out www.abstractsolutions.com/ic-r75 to see how the new site looks. There is a link from the main page to the forums.

Thanks,

Rick

> Best regards,
>
> Rado

1514. Re: [icomr75] Re: Yahoogroups not free anymore? - Alternative

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-22 12:15:01 UTC
From: AE266bill@cs.com
Topic: 1483 Message: 1514

Umm.. When I figure out what all this means would somebody kindly let me know? :-)
Acyually, I enjoy the convenience of mailing a list, but can also see the benefits, especially in the area of access of a BB. I guess my question would be; Does it have to be one or the other? Is there a way to automatically cross post or forward from maillist to BB or versa vice?
Bill B
42.1292 N
70.9100 W
R-75
Buncha other radios

[Non-text portions of this message have been removed]

1515. Re: Yahoogroups not free anymore? - Alternative

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-22 12:41:29 UTC
From: canuckaudiomart
Topic: 1483 Message: 1515

The concern arose that Yahoo might be charging for in the future (at the end of April) these services. That's what prompted the offer of a bulletin board based site. Usually because of the way the software works, it does become a choice of either or, only because it is impossible (at least with my knowledge) to have a mailing list be posted to a message forum format simultaneously.

A mailing list can be set up on the www.abstractsolutions.com/ic-r75 site as well, if some wanted that.

Rick
www.abstractsolutions.com/ic-r75

--- In icomr75@y..., AE266bill@c... wrote:
> Umm.. When I figure out what all this means would somebody kindly let me
> know? :-)
> Acyually, I enjoy the convenience of mailing a list, but can also see the
> benefits, especially in the area of access of a BB. I guess my question would
> be; Does it have to be one or the other? Is there a way to automatically
> cross post or forward from maillist to BB or versa vice?
> Bill B
> 42.1292 N
> 70.9100 W
> R-75
> Buncha other radios
>
>
> [Non-text portions of this message have been removed]

1516. Re: [icomr75] Re: Yahoogroups not free anymore? - Alternative

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-22 13:28:25 UTC
From: Lew Chapman
Topic: 1483 Message: 1516

Excuse my ignorance, but is there a different charge in regard to the call cost when logging onto a BBS. I am in OZ
Cheers Lew

At 08:15 AM 4/22/02 EDT, you wrote:
> Umm.. When I figure out what all this means would somebody kindly let me
> know? :-)
> Acyually, I enjoy the convenience of mailing a list, but can also see the
> benefits, especially in the area of access of a BB. I guess my question would
> be; Does it have to be one or the other? Is there a way to automatically
> cross post or forward from maillist to BB or versa vice?
> Bill B
> 42.1292 N
> 70.9100 W
> R-75
>
>
>
> [Non-text portions of this message have been removed]
>
>
> Yahoo! Groups Sponsor ADVERTISEMENT
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

1517. Re: [icomr75] Re: Yahoogroups not free anymore? - Alternative

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-22 15:16:24 UTC
From: efricha@dimensional.com
Topic: 1483 Message: 1517

>
> Excuse my ignorance, but is there a different charge in regard to the call
> cost when logging onto a BBS. I am in OZ
> Cheers Lew

Lew,

If you pay for your internet access by the minute or by the amount of
data transferred, the answer is yes.

Generally, web-based BBS's have higher overhead because they are drawing
all the graphics, and the expand thread options, and so on.

Now, if you are using web-based email, that comes out a wash, but if you
keep email on your home system (like Eudora will) then the bandwidth
used is lower and you can keep "important" messages for reference.

Personally, given the choices, I'd prefer a mailing list. But I'd like
to throw out the idea of a usenet group as well, which doesn't burden
any one individual with the load of maintaining the list. The downsides
of a usenet group are obvious to those who use usenet... :-)

Eric

> At 08:15 AM 4/22/02 EDT, you wrote:
> > Umm.. When I figure out what all this means would somebody kindly let me
> > know? :-)
> > Acyually, I enjoy the convenience of mailing a list, but can also see the
> > benefits, especially in the area of access of a BB. I guess my question
> would
> > be; Does it have to be one or the other? Is there a way to automatically
> > cross post or forward from maillist to BB or versa vice?
> > Bill B
> > 42.1292 N
> > 70.9100 W
> > R-75
> >

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

1518. RE: [icomr75] Re: Yahoogroups not free anymore? - Alternative

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-22 16:08:45 UTC
From: antoine
Topic: 1483 Message: 1518

you can use newgroup ???

it s free.

Antoine

-----Message d'origine-----
De : Lew Chapman [mailto:lirka@...]
Envoye : lundi 22 avril 2002 15:28
A : icomr75@yahoogroups.com
Objet : Re: [icomr75] Re: Yahoogroups not free anymore? - Alternative

Excuse my ignorance, but is there a different charge in regard to the call cost when logging onto a BBS. I am in OZ
Cheers Lew

At 08:15 AM 4/22/02 EDT, you wrote:
> Umm.. When I figure out what all this means would somebody kindly let me
> know? :-)
> Acyually, I enjoy the convenience of mailing a list, but can also see the
> benefits, especially in the area of access of a BB. I guess my question would
> be; Does it have to be one or the other? Is there a way to automatically
> cross post or forward from maillist to BB or versa vice?
> Bill B
> 42.1292 N
> 70.9100 W
> R-75
>
>
>
> [Non-text portions of this message have been removed]
>
>
> Yahoo! Groups Sponsor ADVERTISEMENT
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

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icomr75-unsubscribe@egroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

1519. Re: [icomr75] Re: Yahoogroups not free anymore? - Alternative

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-22 15:18:14 UTC
From: Dave
Topic: 1483 Message: 1519

If you use newsgroups, you'll have to have a fake i.d. because of the spamming and you'll have to put up with people wishing Hitler a happy birthday and such.
----- Original Message -----
From: antoine
To: icomr75@yahoogroups.com
Sent: Monday, April 22, 2002 17:08
Subject: RE: [icomr75] Re: Yahoogroups not free anymore? - Alternative

you can use newgroup ???

it s free.

Antoine

-----Message d'origine-----
De : Lew Chapman [mailto:lirka@...]
Envoye : lundi 22 avril 2002 15:28
A : icomr75@yahoogroups.com
Objet : Re: [icomr75] Re: Yahoogroups not free anymore? - Alternative

Excuse my ignorance, but is there a different charge in regard to the call cost when logging onto a BBS. I am in OZ
Cheers Lew

At 08:15 AM 4/22/02 EDT, you wrote:
> Umm.. When I figure out what all this means would somebody kindly let me
> know? :-)
> Acyually, I enjoy the convenience of mailing a list, but can also see the
> benefits, especially in the area of access of a BB. I guess my question would
> be; Does it have to be one or the other? Is there a way to automatically
> cross post or forward from maillist to BB or versa vice?
> Bill B
> 42.1292 N
> 70.9100 W
> R-75
>
>
>
> [Non-text portions of this message have been removed]
>
>
> Yahoo! Groups Sponsor ADVERTISEMENT
>

> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

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To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

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To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

1520. Re: [icomr75] Re: Yahoogroups not free anymore? - Alternative

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-22 16:30:15 UTC
From: efricha@dimensional.com
Topic: 1483 Message: 1520

Dave wrote:
>
> If you use newsgroups, you'll have to have a fake i.d. because of
> the spamming and you'll have to put up with people wishing Hitler
> a happy birthday and such.

Actually I use my real name and email on usenet and had very few
spams until I got a Yahoo account. Now I get 30 or more a day as
opposed to 2 a week.

Eric

> ----- Original Message -----
> From: antoine
> To: icomr75@yahoogroups.com
> Sent: Monday, April 22, 2002 17:08
> Subject: RE: [icomr75] Re: Yahoogroups not free anymore? - Alternative
>
>
> you can use newgroup ???
>
> it s free.
>
>
> Antoine
>
> -----Message d'origine-----
> De : Lew Chapman [mailto:lirka@...]
> Envoye : lundi 22 avril 2002 15:28
> A : icomr75@yahoogroups.com
> Objet : Re: [icomr75] Re: Yahoogroups not free anymore? - Alternative
>
>
>
> Excuse my ignorance, but is there a different charge in regard to the call
> cost when logging onto a BBS. I am in OZ
> Cheers Lew
>
> At 08:15 AM 4/22/02 EDT, you wrote:
> > Umm.. When I figure out what all this means would somebody kindly let
> me
> > know? :-)
> > Acyually, I enjoy the convenience of mailing a list, but can also see
> the
> > benefits, especially in the area of access of a BB. I guess my question
> would

> > be; Does it have to be one or the other? Is there a way to automatically
> > cross post or forward from maillist to BB or versa vice?
> > Bill B
> > 42.1292 N
> > 70.9100 W
> > R-75
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> > Yahoo! Groups Sponsor ADVERTISEMENT
> >
> > To unsubscribe from this group, send an email to:
> > icomr75-unsubscribe@egroups.com
> >
> >
> >
> > Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
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> Yahoo! Groups Sponsor
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>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
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>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
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>
>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Sponsor
> ADVERTISEMENT
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>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
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>

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> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
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> [Non-text portions of this message have been removed]
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> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

1521. i just got a r-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-23 13:08:32 UTC
From: knealtexmale
Topic: 1521 Message: 1521

i have several shortwave receivers but i love my r75... Where do i
go for information on modifications? i would love to get the sync am
to work better.
thanks
john

1522. Re: i just got a r-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-23 22:31:52 UTC
From: craigm55901
Topic: 1521 Message: 1522

<---------- right here

What you are looking for can be found in the files section.

(Sorry, it was just too easy.)
Craig

--- In icomr75@y..., "knealtexmale" <knealtexmale@y...> wrote:
> i have several shortwave receivers but i love my r75... Where do i
> go for information on modifications? i would love to get the sync am
> to work better.
> thanks
> john

1523. Re: [icomr75] Re: i just got a r-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-03-17 03:17:45 UTC
From: lirka@senet.com.au
Topic: 1521 Message: 1523

You'll enjoy the set craig a great little workhorse. Ive done the am attenuation mod with a switch on back of set, & it works very well. Cheers Lew Chapman Moana Beach Quoting craigm55901 : > > > > > <------------- right here
>
> What you are looking for can be found in the files section.
>
> (Sorry, it was just too easy.)
> Craig
>
>
> --- In icomr75@y..., "knealtexmale" > wrote:
> > i have several shortwave receivers but i love my r75... > Where do i
> > go for information on modifications? i would love to get the sync > am
> > to work better.
> > thanks
> > john
>
> > >
> > > >
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Yahoo! Groups > Sponsor
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cellspacing=0>
size=-2>ADVERTISEMENT
href="http://rd.yahoo.com/M=217097.2003762.3481930.1261774/D=egroupweb/S=1705063
108:HM/A=1042587/R=0/*http://service.bfast.com/bfast/click?
bfmid=29150849&siteid=39282504&bfpage=account" >
src="http://us.a1.yimg.com/us.yimg.com/a/ne/netstock_direct/300x250_green_april. gif" >
alt="" width="300" height="250" border="0">
>
>
src="http://us.adserver.yahoo.com/l?
M=217097.2003762.3481930.1261774/D=egroupmail/S=1705063108:HM/A=1042587/rand=678 538688">
>
> > > > >
> > To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
> >
> >
> Your use of Yahoo! Groups is subject to the
href="http://docs.yahoo.com/info/terms/">Yahoo! Terms of Service. > > > > >

---------- This mail sent through SE Net Webmail http://webmail.senet.com.au

1524. New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-25 15:23:35 UTC
From: icomr75@yahoogroups.com
Topic: 242 Message: 1524

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the icomr75
group.

File : /Information/icom filters.mdb
Uploaded by : vk4zss <bbsssdel@...>
Description : First Draft MS Access Database of Filters for R75 and others

You can access this file at the URL

http://groups.yahoo.com/group/icomr75/files/Information/icom%20filters.mdb

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

vk4zss <bbsssdel@...>

1525. New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-26 18:43:00 UTC
From: icomr75@yahoogroups.com
Topic: 242 Message: 1525

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the icomr75
group.

File : /Information/icom filters 4.mdb
Uploaded by : vk4zss <sam.dellit@...>
Description : Icom IF Filters - Version 0.4 - MS Access 97 Database

You can access this file at the URL

http://groups.yahoo.com/group/icomr75/files/Information/icom%20filters%204.mdb

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

vk4zss <sam.dellit@...>

1526. Re: Antenna questions

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-27 13:12:47 UTC
From: harveymillerca
Topic: 1443 Message: 1526

Hi Lou:

Sorry for the late response to your post, but before suggesting this random wire setup, I wanted to check it out for myself; Sounds like you're thinking about a 'John Doty low noise antenna';
http://www.anarc.org/naswa/badx/antennas/low-noise_antenna.html
There's a diagram of this setup on the Wellbrook Antenna site as well;
http://www.wellbrook.uk.com/longwire.html
In addition to the random wire and buried coax feedline it requires two ground rods (I got mine from Home Depot) and a balun (I purchased the ICE 180A from the eham website). It's main virtue is a reduction in local electrical interference (which I thought would be great for my urban setting with above ground electrical services).
I set this up to be approx. 65 feet long and 10 to 16 feet above ground using one 50 foot run of buried coax and 50 feet of coax above ground.
My first impression of it was that it was pulling in less signal than my previous random wire (the Radio Shack kit; 75 foot wire about 4 to 6 foot above the ground with 50 foot single insulated feedline to Ant 2), a big disappointment! After using it for about a week I'm now thinking that it feeds between S3 to S5 less noise with the signal. Looking through my logging database I would say an S3 signal this antenna compares in audio quality to a S7 to S9 signal on the old antenna. For instance I'm now happy program listening (some static, but clearly and easily listenable) to signals coming in at S3, and can sometimes catch most of the content of programs at S1 without much listening effort on my part; ie NHK- Tokyo 15,590 kHz 10:00 UTC, signal strength S1 SIO 333, DW-Cologne 11:00 UTC 17,860 kHz signal strength S2 SIO 423 (daytime listening, SIO = Signal, Interference, overall quality). Unfortunately I cannibalized my previous random wire, so I can't make direct A-B comparisons, but I do feel overall it's made weaker signals more audible.

Regards
from Ottawa
Harvey

1527. limitations of the R75's signal meter (S meter)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-27 17:26:40 UTC
From: sp500dogtrainer
Topic: 1527 Message: 1527

After studying the numbers that you get on the rs232
verses the signal meter reading on the R75 display i have
decided that the thing has a large gap from numbers 0 thru 31

should i just consider the missing ones negitive db
and number the s meter on my software starting at
-2 -1.5 -1 0 .5, etc

1528. S-AM Mod Done!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-27 20:23:19 UTC
From: KØADL
Topic: 1528 Message: 1528

I performed the "Rado" S-AM mod v 1.1 (see files area) this morning. It took about two hours to perform. The modification works and makes S-AM and AGC work much better. Broadcast short-wave IS easier to listen to.

Now -- here's the words of warning: If you have no experience at soldering, don't even think about doing this mod. I have moderate experience soldering, having successfully put together a few kits, including an Oak Hills Research transceiver, and this was NOT easy soldering. The biggest problem is that the work area is very small and difficult to see. Get LOTS of light, a magnifying glass, some good quality rosin core solder and, most importantly, a VERY fine tipped 15 watt soldering iron -- they cost about $6 at Radio Shack, and WELL worth it!

Despite my best efforts, I managed to completely snap off pin 23 from the IC. I did this because I chose to solder the wire to the pin FIRST (after successfully liberating it from the circuit board -- see the mod file). Because the wire was already soldered to pin 23, the strain of moving it around while I soldered the other end, caused the pin to snap off! I freaked-out for 10 minutes! So . . . solder everything else FIRST, tape it all together (or mount it on a perfboard (as I did), THEN, once everything is in place, solder your wires to the IC. Soldering to the IC should be the LAST thing you do before buttoning up the radio.

How did I salvage my new and expensive radio? I ended up drilling a tiny hole down through the edge of the IC above pin 23 with a Dremel tool, then I stuck the wire in there, flooded the hole with solder and hoped for the best (what did I have to lose at that point?). Fortunately, everything worked as described -- S-AM works and I get the 2 second whine when I turn it on -- which tells me that the connection to pin 23 is good.

Long story short, the mentally unstable as well as those who are shaky (no pun intended) with regard to soldering should pay someone else to do this mod. The good thing is that once it is done, you will have an even better receiver. If you go ahead and do it yourself, please heed my warnings about the order of soldering.

Good luck,
KØADL

[Non-text portions of this message have been removed]

1529. RE: S-AM Mod Done!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-28 15:26:07 UTC
From: John M Gedde
Topic: 1528 Message: 1529

Glad to hear you got it working after the trouble you had.

I mention the following for the benefit of those who may attemp the mod i the future:
When I did my mod, I lifted the pin, soldered the wire to it, then secured the pin and wire to the board at the chip body with a small blob of epoxy applied with a toothpick. I then waited for it to dry before I went further.

Another option is to use wire wrap wire to make the connections since it is thin and flexible. Hence it doesn't transmit much strain the the pin when moving the other end around. I still recommend the epoxy too....

With mod 1.1 you lose the automatic S-AM functionality and the blinking S-Am indication. This functionality is restored if you perform Rado's v2.0 mod, or my v2.1 mod.

Regards,
John Gedde

<SNIP>
I performed the "Rado" S-AM mod v 1.1 (see files area) this morning. It took about two hours to perform. The modification works and makes S-AM and AGC work much better. Broadcast short-wave IS easier to listen to.

Now -- here's the words of warning: If you have no experience at soldering, don't even think about doing this mod. I have moderate experience soldering, having successfully put together a few kits, including an Oak Hills Research transceiver, and this was NOT easy soldering. The biggest problem is that the work area is very small and difficult to see. Get LOTS of light, a magnifying glass, some good quality rosin core solder and, most importantly, a VERY fine tipped 15 watt soldering iron -- they cost about $6 at Radio Shack, and WELL worth it!

Despite my best efforts, I managed to completely snap off pin 23 from the IC. I did this because I chose to solder the wire to the pin FIRST (after successfully liberating it from the circuit board -- see the mod file). Because the wire was already soldered to pin 23, the strain of moving it around while I soldered the other end, caused the pin to snap off! I freaked-out for 10 minutes! So . . . solder everything else FIRST, tape it all together (or mount it on a perfboard (as I did), THEN, once everything is in place, solder your wires to the IC. Soldering to the IC should be the LAST thing you do before buttoning up the radio.

How did I salvage my new and expensive radio? I ended up drilling a tiny hole down through the edge of the IC above pin 23 with a Dremel tool, then I stuck the wire in there, flooded the hole with solder and hoped for the best

(what did I have to lose at that point?). Fortunately, everything worked as described -- S-AM works and I get the 2 second whine when I turn it on -- which tells me that the connection to pin 23 is good.

Long story short, the mentally unstable as well as those who are shaky (no pun intended) with regard to soldering should pay someone else to do this mod. The good thing is that once it is done, you will have an even better receiver. If you go ahead and do it yourself, please heed my warnings about the order of soldering.

Good luck,
K?ADL
</SNIP>

1530. Re: Antenna questions

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-28 23:32:13 UTC
From: Louis Giliberto
Topic: 1443 Message: 1530

Hi Harvey!

>Sorry for the late response to your post, but before suggesting this
>random wire setup, I wanted to check it out for myself; Sounds like
>you're thinking about a 'John Doty low noise antenna';
>http://www.anarc.org/naswa/badx/antennas/low-noise_antenna.html

That's exactly the one I was thinking about, I even was looking at the ICE180A on eham.net! I also bought my ground rod at Home Depot -- I went with the 10ft. copper-clad one.

>My first impression of it was that it was pulling in less signal than
>my previous random wire (the Radio Shack kit; 75 foot wire about 4 to
>6 foot above the ground with 50 foot single insulated feedline to Ant
>2), a big disappointment! After using it for about a week I'm now
>thinking that it feeds between S3 to S5 less noise with the signal.

We must be psychically linked or something, because I set up the RS kit this weekend. Before that I was using a random wire in the attic.

What was the disappointment? The Doty low-noise setup or the RS kit? I live in the country, but I set up the RS wire attached to the house on one end, and it is about 75ft. from my neighbor's electric fence. I wanted to move it away from the house and the fence because then I should have very little electrical noise. I have a bunch now, including when my computer writes to the disk I can hear clicks on certain frequencies. The antenna pulls in pretty good, but I eventually want a 100 or 200 foot inverted L moved away from the noise.

It also wasn't clear if it was attenuating your signals. Are the normal signals weaker? If so I'm wondering if maybe the ICE 180A isn't transforming the signal quite right. I was thinking one benefit of the Doty homebrew transformer is that one could tweak it for a better match by changing the windings.

Thanks for the great info! Looks like we are both playing with the exact same setups!

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[Non-text portions of this message have been removed]

1531. Re: [icomr75] Re: Antenna questions

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-29 13:29:06 UTC
From: Dave
Topic: 1443 Message: 1531

I suggest you use the 340018, instead of a hose clamp, to attach the grounding clamp to the rod.
http://www.rohnnet.com/CommPro/Hardware/Grounding.htm
You can turn half the clamp around to fit tightly on a 5/8" rod.

These are available at any store that sells such things.

----- Original Message -----
From: Louis Giliberto
To: icomr75@yahoogroups.com
Sent: Monday, April 29, 2002 00:32
Subject: [icomr75] Re: Antenna questions

Hi Harvey!

>Sorry for the late response to your post, but before suggesting this
>random wire setup, I wanted to check it out for myself; Sounds like
>you're thinking about a 'John Doty low noise antenna';
>http://www.anarc.org/naswa/badx/antennas/low-noise_antenna.html

That's exactly the one I was thinking about, I even was looking at the ICE180A on eham.net! I also bought my ground rod at Home Depot -- I went with the 10ft. copper-clad one.

>My first impression of it was that it was pulling in less signal than
>my previous random wire (the Radio Shack kit; 75 foot wire about 4 to
>6 foot above the ground with 50 foot single insulated feedline to Ant
>2), a big disappointment! After using it for about a week I'm now
>thinking that it feeds between S3 to S5 less noise with the signal.

We must be psychically linked or something, because I set up the RS kit this weekend. Before that I was using a random wire in the attic.

What was the disappointment? The Doty low-noise setup or the RS kit? I live in the country, but I set up the RS wire attached to the house on one end, and it is about 75ft. from my neighbor's electric fence. I wanted to move it away from the house and the fence because then I should have very little electrical noise. I have a bunch now, including when my computer writes to the disk I can hear clicks on certain frequencies. The antenna pulls in pretty good, but I eventually want a 100 or 200 foot inverted L moved away from the noise.

It also wasn't clear if it was attenuating your signals. Are the normal signals weaker? If so I'm wondering if maybe the ICE 180A isn't transforming the signal quite right. I was thinking one benefit of the Doty homebrew transformer is that one could tweak it for a better match by changing the windings.

Thanks for the great info! Looks like we are both playing with the exact same setups!

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[Non-text portions of this message have been removed]

1532. Re: Antenna questions

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-29 18:48:30 UTC
From: harveymillerca
Topic: 1443 Message: 1532

Hi Lou:

>What was the disappointment? The Doty low-noise setup or the RS kit?

At first I was disappointed in the Doty setup because it was giving lower signal strength meter readings, but I now think that was mainly due to a lower noise component (signal strength being equal to signal plus background noise) hence my lower meter reads were due to less background noise. Sound quality on weaker stations is notably better with the low-noise setup. Powerhouse stations show less improvement, because they sounded fine before.

>Are the normal signals weaker?

With the RS antenna the highest signal strength I've logged was 40 dB (Deutsche Welle 9,700 kHz and 9,765 kHz on 2002/3/18), In the week or two that I've had the Doty antenna about the best I've gotten was 20dB (maybe propagation conditions are poorer? I don't know) . Does it matter to me? -Not really, because the signal quality on the powerhouse stations hasn't really changed. I think that I'm catching at least the same number of stations now, if not more, and overall signal quality has improved with the low noise setup.

>I wanted to move it away from the house and the fence because
>then I should have very little electrical noise. I have a bunch
>now, including when my computer writes to the disk I can hear
>clicks on certain frequencies

With the Doty antenna I do get some clicks coming from a fan motor turning on or off, causing the household current to spike, but nothing as bad as the Radio shack kit. The nice thing about the Doty setup is it isolates the antenna from both household noise and feedline induced noise, so if you're catching household noise now, you should notice a definite improvement with the low noise antenna.

>If so I'm wondering if maybe the ICE 180A isn't transforming
>the signal quite right. I was thinking one benefit of the Doty
>homebrew transformer is that one could tweak it for a better
>match by changing the windings.

The ICE 180A has feeds for 4 different input impedances (something like 350, 400, 500 and 600 ohms?) to match most antenna conditions (but I haven't played with them yet). I've opened mine up and to my non-technical eyes it looks very well made, with a surprisingly thick metal case. It also has some static discharge

protection, which is a nice plus.

Hope this helps!

Regards
from Ottawa
Harvey

1533. R-75 looking for a good home

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-04-30 21:34:19 UTC
From: vjbeau
Topic: 1533 Message: 1533

Ebay Auction # 1349404533

Great shape. 5 months old and babied.

1.9 ssb filter
dsp module
voice synthesizer

Box, manual, warranty card, everything.

$500.00 "Buy it now" price.

1534. R75 mod for AM Stereo?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-01 02:18:08 UTC
From: kevtronics
Topic: 1534 Message: 1534

Hello ICOM IC-R75 fanatics,

I'm just wondering if anybody has modified their R75 to receive AM Stereo signals using its built-in Motorola MC13022 C-Quam decoder chip.

I think it may be as simple as tapping into the MC13022's Left and Right audio output pins (currently unused by the R75), but I don't know if the way the chip is set up to provide Synchronous Detection is going to affect how it receives AM Stereo signals.

Other communications receivers such as the Sony ICF-2010 and the Grundig Satellit series that use Sony's CX-857 multi-system AM Stereo decoder chip for Synchronous Detection have been successfully modified to receive AM Stereo, however the Sony chip works in a quite different manner than the Motorola chip.

AM Stereo is also useful on the LF/Longwave and HF/Shortwave in that it can be adapted to receive Independent Sideband (ISB) audio, where the lower sideband of the signal is in the Left audio channel and the upper sideband of the signal is in the Right audio channel. There have been assorted experiments with AM Stereo broadcasting on the Shortwave bands using both the Motorola C-Quam (Compatible Quadrature AM) system and the ISB system (otherwise known as "Kahn/Hazeltine" when it was used on the AM/MW broadcast band in the 1980s).

Kevin T.
Webmaster, www.AMStereoRadio.com
Sysop of The AM Stereo Forum on Yahoo Groups

1535. Hello & Howdy from a New ICOM IC-R75 Owner

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-01 11:06:34 UTC
From: radiohighfreq
Topic: 1535 Message: 1535

Hello & Howdy from a New ICOM IC-R75 Owner,

RHF, aka: RadioHighFrequency
Retired, Healthy and Free in OK-Land, Cali-4-Ni-A.

Received my IC-R75 this last Monday via eBay ($613+SH). It is 'used'
(Like New) and had the DSP already installed.
Plus the prior owner had the Kiwa 'Mods' done by Kiwa. Now, I have
to reprogram myself to learn how to use it properly.
Since I joined this egroup; I have been reading the past postings to
build up my knowledge base. Hey, It's Oh So True "It's
Amazing what you can Hear - By Just Listening." I am considering the
K9AY Antenna for AM/MW/BCB DXing with the
IC-R75. Anyone working these two together and have any insight? ~
RHF

1536. Hello & Howdy from a New ICOM IC-R75 Owner

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-01 11:06:54 UTC
From: radiohighfreq
Topic: 1535 Message: 1536

Hello & Howdy from a New ICOM IC-R75 Owner,

RHF, aka: RadioHighFrequency
Retired, Healthy and Free in OK-Land, Cali-4-Ni-A.

Received my IC-R75 this last Monday via eBay ($613+SH). It is 'used' (Like New) and had the DSP already installed.
Plus the prior owner had the Kiwa 'Mods' done by Kiwa. Now, I have to reprogram myself to learn how to use it properly.
Since I joined this egroup; I have been reading the past postings to build up my knowledge base. Hey, It's Oh So True "It's Amazing what you can Hear - By Just Listening." I am considering the K9AY Antenna for AM/MW/BCB DXing with the IC-R75. Anyone working these two together and have any insight? ~ RHF

1537. Re: R75 mod for AM Stereo?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-01 11:17:40 UTC
From: radiohighfreq
Topic: 1534 Message: 1537

KT,

I have a Off Topic Question/Reply concerning an item in your posting.
You stated that "Other communications receivers such as the Sony
ICF-2010 and the Grundig Satellit series that use Sony's CX-857
multi-system AM Stereo decoder chip for Synchronous Detection"
? Are you saying that the Grundig Satellit 800 'uses' the same chip
as
the Sony ICF-2001/2010 ? If So... Interesting ~ RHF

--- In icomr75@y..., "kevtronics" <kevtronics@y...> wrote:
> Hello ICOM IC-R75 fanatics,
>
> I'm just wondering if anybody has modified their R75 to receive
> AM Stereo signals using its built-in Motorola MC13022 C-Quam
decoder
> chip.
>
> I think it may be as simple as tapping into the MC13022's Left and
> Right audio output pins (currently unused by the R75), but I don't
> know if the way the chip is set up to provide Synchronous Detection
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> going to affect how it receives AM Stereo signals.
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> Other communications receivers such as the Sony ICF-2010 and the
> Grundig Satellit series that use Sony's CX-857 multi-system AM
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> decoder chip for Synchronous Detection have been successfully
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> to receive AM Stereo, however the Sony chip works in a quite
different
> manner than the Motorola chip.
>
> AM Stereo is also useful on the LF/Longwave and HF/Shortwave in
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> it can be adapted to receive Independent Sideband (ISB) audio,
where
> the lower sideband of the signal is in the Left audio channel and
the
> upper sideband of the signal is in the Right audio channel. There
> have been assorted experiments with AM Stereo broadcasting on the
> Shortwave bands using both the Motorola C-Quam (Compatible
Quadrature
> AM) system and the ISB system (otherwise known as "Kahn/Hazeltine"
> when it was used on the AM/MW broadcast band in the 1980s).

>
> Kevin T.
> Webmaster, www.AMStereoRadio.com
> Sysop of The AM Stereo Forum on Yahoo Groups

1538. Re: [icomr75] Hello & Howdy from a New ICOM IC-R75 Owner

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-01 15:46:16 UTC
From: Bruce Jensen
Topic: 1535 Message: 1538

Howdy, Bud! Right here down the road in San Lorenzo!
Also a Kiwa-modified R75.

Reception here is actually pretty good with very basic antennae. I use an Alpha Delta DXUltra, which is essentially a slightly-inverted V triple dipole with traps for the longest waves, and a 65' random wire. Neither are very high - about 24 feet above ground. My radio is grounded with a basic 8' rod and 8 feet of #8 copper wire. Each antennae is good for various things; with these, I routinely receive 1kW (and occasionally lower) stations from Latin America and the Pacific. Radio Republic Indonesia, with its panoply of micro-stations, is well-heard around these parts, as is Brazil, Ecuador, Bolivia, Peru et al. Africa is the toughest, although certain stations in South Africa, Zambia, Tanzania and western Africa are surprisingly regular; but south central Asia is surprisingly good. Amateur radio ops from that part of the world are not infrequent, and amateurs are regularly heard from Africa and Europe, even QRP operators.

You'll love this little radio! It's a keeper!

Bruce Jensen
****
--- radiohighfreq <rhf-mail@...> wrote:
> Hello & Howdy from a New ICOM IC-R75 Owner,
>
> RHF, aka: RadioHighFrequency
> Retired, Healthy and Free in OK-Land, Cali-4-Ni-A.
>
> Received my IC-R75 this last Monday via eBay
> ($613+SH). It is 'used'
> (Like New) and had the DSP already installed.
> Plus the prior owner had the Kiwa 'Mods' done by
> Kiwa. Now, I have
> to reprogram myself to learn how to use it properly.
>
> Since I joined this egroup; I have been reading the
> past postings to
> build up my knowledge base. Hey, It's Oh So True
> "It's
> Amazing what you can Hear - By Just Listening." I
> am considering the

> K9AY Antenna for AM/MW/BCB DXing with the
> IC-R75. Anyone working these two together and have
> any insight? ~
> RHF
>
>
>
>
>

=====
Bruce Jensen, associate of:
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
American Coaster Enthusiasts http://www.aceonline.org/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

_____
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1539. Re: R75 mod for AM Stereo?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-01 22:56:46 UTC
From: craigm55901
Topic: 1534 Message: 1539

See below...

--- In icomr75@y..., "radiohighfreq" <rhf-mail@u...> wrote:
> KT,
>
> I have a Off Topic Question/Reply concerning an item in your posting.
> You stated that "Other communications receivers such as the Sony
> ICF-2010 and the Grundig Satellit series that use Sony's CX-857
> multi-system AM Stereo decoder chip for Synchronous Detection"
> ? Are you saying that the Grundig Satellit 800 'uses' the same chip
> as
> the Sony ICF-2001/2010 ? If So... Interesting ~ RHF
>
>
> --- In icomr75@y..., "kevtronics" <kevtronics@y...> wrote:
> > Hello ICOM IC-R75 fanatics,
> >
> > I'm just wondering if anybody has modified their R75 to receive
> > AM Stereo signals using its built-in Motorola MC13022 C-Quam
> decoder
> > chip.
> >
> > I think it may be as simple as tapping into the MC13022's Left and
> > Right audio output pins (currently unused by the R75), but I don't
> > know if the way the chip is set up to provide Synchronous Detection
> is
> > going to affect how it receives AM Stereo signals.
> >
> > Other communications receivers such as the Sony ICF-2010 and the
> > Grundig Satellit series that use Sony's CX-857 multi-system AM
> Stereo
> > decoder chip for Synchronous Detection have been successfully
> modified
> > to receive AM Stereo, however the Sony chip works in a quite
> different
> > manner than the Motorola chip.
> >
> > AM Stereo is also useful on the LF/Longwave and HF/Shortwave in
> that
> > it can be adapted to receive Independent Sideband (ISB) audio,
> where
> > the lower sideband of the signal is in the Left audio channel and
> the
> > upper sideband of the signal is in the Right audio channel. There
> > have been assorted experiments with AM Stereo broadcasting on the

> > Shortwave bands using both the Motorola C-Quam (Compatible
> Quadrature
> > AM) system and the ISB system (otherwise known as "Kahn/Hazeltine"
> > when it was used on the AM/MW broadcast band in the 1980s).
> >
> > Kevin T.
> > Webmaster, www.AMStereoRadio.com
> > Sysop of The AM Stereo Forum on Yahoo Groups

No. the Sat 800 does not use the same method for sync detection. However, back to the original question... Has anyone looked at the unused pads next to the Motorola chip in the R-75? Could they be for the extra components to do AM stereo? (These can be seen in the PDF for the 1.1 mod.)

Craig

1540. Re: [icomr75] R75 mod for AM Stereo?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-02 00:53:52 UTC
From: Radostin Danev
Topic: 1534 Message: 1540

Hi Kevin,

> I'm just wondering if anybody has modified their R75 to receive
> AM Stereo signals using its built-in Motorola MC13022 C-Quam decoder
> chip.

Nobody that I know of.

> I think it may be as simple as tapping into the MC13022's Left and
> Right audio output pins (currently unused by the R75), but I don't
> know if the way the chip is set up to provide Synchronous Detection is
> going to affect how it receives AM Stereo signals.

Well, it will require more connections than that. You can check the R75 schematic which you can download from the "Files" section of this group (the datasheet of MC13022 is also in the "Files"). Connections to pins 16,17, 18 and 26 will be needed. Making it decode C-QUAM is possible but I am not sure if it is worth the modification work.

> AM Stereo is also useful on the LF/Longwave and HF/Shortwave in that
> it can be adapted to receive Independent Sideband (ISB) audio, where
> the lower sideband of the signal is in the Left audio channel and the
> upper sideband of the signal is in the Right audio channel.

This is not so easy to implement with MC13022. It has Phase Shift Network (PSN) but it is wired not in a "correct" manner. One of the inputs of the matrix is connected to the envelope detector (1+L+R) the other input is connected to the Q-detector (L-R). To make sideband selectable synch. detector ... or ISB stereo receiver ... an external PSN has to be added connected to the I-det and the Q-det (the outputs of these are available). I searched the electronics shops here but nobody has heard of PSN. Sony is producing such devices but they make them for their own production and do not sell them .... especially in the 1 or 2 quantity :-). The last resort is to make a PSN from discrete components.

Best regards,

Rado

1541. Re: R75 mod for AM Stereo?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-02 01:15:24 UTC
From: kevtronics
Topic: 1534 Message: 1541

> Making it decode C-QUAM is possible but I am not sure if it is worth
> the modification work.

Perhaps you don't understand that the MC13022 chip itself is the C-Quam AM Stereo decoder. On a regular radio, the '022 would be all you need to receive AM Stereo.

What the R75 does is basically apply a "mod" to the way the MC13022 is used to provide sychronous detection. This can be done with other Motorola C-Quam decoder chips as well, such as the original MC13020.

Therefore, getting an R75 to receive AM Stereo would probably be as simple as tapping into the MC13022 chip's Left and Right audio outputs, which are provided directly at Pins 10 and 11, respectively.

One communications receiver that provides BOTH Synchronous Detection AND AM Stereo support is the JRC (Japan Radio Co.) NRD-545 DSP. I don't know what system the NRD-545 uses to do this; as the same suggests, it may simply use Digital Signal Processing to do everything, so then it would only be a matter of computer code to manipulate the received signal, instead of electronic components.

An excellent web site to visit for more information on both AM Stereo and Synchronous Detection (and how they work together) is this one, "The AM Stereo Tech Zone":

http://www.hal-pc.org/~jsgil/AM-Stereo/

It focuses mainly on the original MC13020 C-Quam decoder chip, which is the easiest to convert to Synchronous Detection but does not offer the best performance for AM Stereo reception. The newer chips such as the MC13022 have vast improvements in AM Stereo sound quality and reception, especially in weak signal conditions, but are somewhat more complex both to implement and to adapt to Synchronous Detection.

1542. Re: [icomr75] Re: R75 mod for AM Stereo?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-02 02:47:45 UTC
From: Radostin Danev
Topic: 1534 Message: 1542

Hi Kevin,

> > Making it decode C-QUAM is possible but I am not sure if it is worth
> > the modification work.
>
> Perhaps you don't understand that the MC13022 chip itself is the
> C-Quam AM Stereo decoder. On a regular radio, the '022 would be all
> you need to receive AM Stereo.

I understand that perfectly. English is not my mother tongue so maybe I am
not expressing myself correctly.

> What the R75 does is basically apply a "mod" to the way the MC13022 is
> used to provide sychronous detection. This can be done with other
> Motorola C-Quam decoder chips as well, such as the original MC13020.

Sure.

> Therefore, getting an R75 to receive AM Stereo would probably be as
> simple as tapping into the MC13022 chip's Left and Right audio
> outputs, which are provided directly at Pins 10 and 11, respectively.

Not as simple. As I said before - some additional components have to be
added. A low pass filter between pin 26 and pin 18. This will feed the pilot
detector of the IC. As it is in R75 the pilot detector is not fed ... i.e.
it will never detect the 25Hz C-QUAM pilot. Until it detects the pilot it
will not switch (un-blend) to stereo - the audio on pins 10 an 11 will be
mono even if the station is stereo. Some caps have also to be added to pins
16 and 17. Also I assume that the receiver has been already modified with
the synch mod. This means pin 23 "blend" has been lifted (in the original
R75 it is grounded i.e. solid NO to stereo output) and connected to
appropriate capacitor.

> http://www.hal-pc.org/~jsgil/AM-Stereo/

Thanks for the link!

> It focuses mainly on the original MC13020 C-Quam decoder chip, which
> is the easiest to convert to Synchronous Detection but does not offer
> the best performance for AM Stereo reception. The newer chips such as
> the MC13022 have vast improvements in AM Stereo sound quality and
> reception, especially in weak signal conditions, but are somewhat more
> complex both to implement and to adapt to Synchronous Detection.

I am not a stereo AM fan. If I was I would have tried it with my R75 already
:-).
I don't know of stations around here (Japan) that transmit in stereo.

Regards,

Rado

1543. Re: R75 mod for AM Stereo?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-02 06:03:29 UTC
From: kevtronics
Topic: 1534 Message: 1543

> I don't know of stations around here (Japan) that transmit in
> stereo.

AM Stereo is actually quite popular in Japan. It is probably the country that has the most AM Stereo radios available. For some reason, companies like Sony and Aiwa make AM Stereo radios for the Japanese home market, but do not sell them with AM Stereo capability in the USA, even though hundreds of American stations broadcast in AM Stereo!

Anyway, the following stations in Japan are known to be broadcasting in AM Stereo. The number in the list is the station's power level, in kilowatts (for example, "100" = 100 kW = 100,000 watts).

954 JOKR Tokyo, Japan 100 "Tokyo Hoso" (TBS)
1008 JONR Osaka, Japan 50 "Asahi Hoso" (ABC)
1053 JOAR Nagoya, Japan 50 "Chubu Nippon Hoso" (CBC)
1134 JOQR Tokyo, Japan 100 "Bunka Hoso" (NCB)
1179 JOOR Osaka, Japan 50 "Mainichi Hoso" (MBS)
1197 JOBF Kumamoto, Japan 5 "Kumamoto Hoso" (RKK)
1242 JOLF Tokyo, Japan 100 "Nippon Hoso" (NBS)
1278 JOFR Fukuoka, Japan 50 "RKB Mainichi Hoso" (RKB)
1287 JOHR Sapporo, Japan 50 "Hokkaido Hoso" (HBC)
1314 JOUF Osaka, Japan 50 "Radio Osaka" (OBC)
1332 JOSF Nagoya, Japan 50 "Tokai Radio Hoso"
1350 JOER Hiroshima, Japan 20 "Chugoku Hoso" (RCC)
1413 JOIF Fukuoka, Japan 50 "Kyushu Asahi Hoso" (KBC)
1431 JOVF Wakayama, Japan 5 "Wakayama Hoso" (WBS)
1440 JOWF Sapporo, Japan 50 "Sapporo TV Hoso" (STV)
1494 JOYR Okayama, Japan 10 "Sanyo Hoso" (RSK)

An MP3 recording of 954 JOKR (TBS) as received in AM Stereo can be found at:

http://musicandvideo.myftpsite.net/amstereo/files/stations/Asia/Japan

There are AM Stereo stations in other parts of Asia as well, including South Korea, Hong Kong, Taiwan, the Philippines, Thailand, and Indonesia.

For the complete worldwide listing of AM Stereo stations, see the Official AM Stereo Web Site at: http://www.AMStereoRadio.com

1544. filter question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-03 18:11:33 UTC
From: gricer37
Topic: 1544 Message: 1544

When you put in an optional filter does that bypass the pre fitted filters.I am going to put in a fl-100 9mhz cw filter 500hz.if the pre fitted filters are not bypassed do i set the 455khz filter to the lowest 455khz filter fitted.

1545. FS: Icom R-75 DSP

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-04 00:11:52 UTC
From: tireless_2000
Topic: 1545 Message: 1545

I have a mint R-75 with the DSP. I am the original owner, non smoker. Radio is in mint shape, no scuffs or scratches. Comes with box, manual and power supply. $475 buyer pays shipping.

1546. Re: filter question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-06 03:25:28 UTC
From: vk4zss
Topic: 1544 Message: 1546

installing the 500Hz 9MHz 2nd IF Filter does not bypass the other 9MHz filters per se - it just gives you an extra 9MHz filter to choose from when setting your filter selections for each mode, in wide/normal/narrow. when you select the 9MHz 500Hz filter in any mode/bandwidth combination, always choose the narrowest available 455kHz 3rd IF filter provided that its bandwidth equals or exceeds that of the 9MHz 500Hz filter. that will give you the best close-in dynamic range possible with the set. ideally the 9MHz & 455kHz filters should be of identical bandwidth for best possible skirt selectivity, but icom chose not to offer enough xtal option slots to make this prossible for several bandwidths

73s gd dx de sam dellit vk4zss

--- In icomr75@y..., "gricer37" <gricer37@y...> wrote:
> When you put in an optional filter does that bypass the pre fitted
> filters.I am going to put in a fl-100 9mhz cw filter 500hz.if the
pre
> fitted filters are not bypassed do i set the 455khz filter to the
> lowest 455khz filter fitted.

1547. DSP-still not here

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-06 14:52:34 UTC
From: Art Burke
Topic: 1544 Message: 1547

I sent in for my "free" dsp board around 6 to 8 weeks ago...Anyone know if
they
are running this far behind, or should I give them a call?

Thanks,

Art

[Non-text portions of this message have been removed]

1548. Poll results for icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-06 19:31:19 UTC
From: icomr75@yahoogroups.com
Topic: 540 Message: 1548

The following icomr75 poll is now closed. Here are the
final results:

POLL QUESTION: What is your opinion on moving the
disscussions to bulletin boards? (see
http://www.abstractsolutions.com/ic-r75)

CHOICES AND RESULTS
- Let's do it!, 6 votes, 33.33%
- It is OK, but also keep the mailing list., 5 votes, 27.78%
- No, I like the mailing list better., 7 votes, 38.89%

For more information about this group, please visit
http://groups.yahoo.com/group/icomr75

For help with Yahoo! Groups, please visit
http://help.yahoo.com/help/us/groups/

1549. New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-07 04:07:00 UTC
From: icomr75@yahoogroups.com
Topic: 242 Message: 1549

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the icomr75
group.

File : /Information/PhilCook.pdf
Uploaded by : just_rtfm <just_rtfm@...>
Description : Phil's R75 Cookbook ver 1

You can access this file at the URL

http://groups.yahoo.com/group/icomr75/files/Information/PhilCook.pdf

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

just_rtfm <just_rtfm@...>

1550. Re: Poll results for icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-07 04:08:08 UTC
From: canuckaudiomart
Topic: 540 Message: 1550

Based on the poll results, I would suggest that the status quo remain and no changes be made. I will remove the site which had the message forums.

Down the road should anything change, feel free to drop me a line and I can see what I can do if the needs of the group change.

Rick

--- In icomr75@y..., icomr75@y... wrote:
>
> The following icomr75 poll is now closed. Here are the
> final results:
>
>
> POLL QUESTION: What is your opinion on moving the
> disscussions to bulletin boards? (see
> http://www.abstractsolutions.com/ic-r75)
>
>
> CHOICES AND RESULTS
> - Let's do it!, 6 votes, 33.33%
> - It is OK, but also keep the mailing list., 5 votes, 27.78%
> - No, I like the mailing list better., 7 votes, 38.89%
>
>
>
> For more information about this group, please visit
> http://groups.yahoo.com/group/icomr75
>
> For help with Yahoo! Groups, please visit
> http://help.yahoo.com/help/us/groups/

1551. R75 Cookbook

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-07 04:16:48 UTC
From: just_rtfm
Topic: 1551 Message: 1551

hi peoples!

i posted the first version of my 'R75 Cookbook' in the Files -> Information section. It is a nine page, 100 kb PDF called 'PhilCook.pdf' it is sort of a users manual i have worked on for quite some time. take a peek... if you're new you should find a lot of useful information; hopefully everyone can get something from it. find any errors? drop me a line.

regards,
phil :)

1552. Re: Poll results for icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-07 04:22:33 UTC
From: just_rtfm
Topic: 540 Message: 1552

hi Rick:

at the rate yahoo is going we will be in very in need of those
services 'soon enough'.

regards,
phil :)

1553. Re: [icomr75] R75 Cookbook

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-07 04:36:32 UTC
From: Alan Johnson
Topic: 1551 Message: 1553

Phil-
I just did a very quick scroll through the file - looks great! Definitely something for everyone.

73,
Alan Johnson
N4LUS

----- Original Message -----
From: just_rtfm
To: icomr75@yahoogroups.com
Sent: Monday, May 06, 2002 9:16 PM
Subject: [icomr75] R75 Cookbook

hi peoples!

i posted the first version of my 'R75 Cookbook' in the Files -> Information section. It is a nine page, 100 kb PDF called 'PhilCook.pdf' it is sort of a users manual i have worked on for quite some time. take a peek... if you're new you should find a lot of useful information; hopefully everyone can get something from it. find any errors? drop me a line.

regards,
phil :)

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[Non-text portions of this message have been removed]

1554. Re: R75 Cookbook

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-07 14:28:22 UTC
From: radiohighfreq
Topic: 1551 Message: 1554

Phil,

Tried viewing your R-75 Cookbook, the photo came out ok, but the text came out a series of little round dots. Next tried to print page #1 with the same results. What text did you use in this pdf file ? ~ RHF

--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> hi peoples!
>
> i posted the first version of my 'R75 Cookbook' in the Files ->
> Information section. It is a nine page, 100 kb PDF called 'PhilCook.
> pdf' it is sort of a users manual i have worked on for quite some
> time. take a peek... if you're new you should find a lot of useful
> information; hopefully everyone can get something from it. find any
> errors? drop me a line.
>
> regards,
> phil :)

1555. Re: DSP-still not here - Wait until 1st week of June before calling.

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-07 16:10:41 UTC
From: uncle_ziba
Topic: 1544 Message: 1555

I just got off the phone with a person who handles this promotional offer at ICOM America. She said the DSP units are on order and should receive the shipment by the end of May. She said the response to the promotion was higher than they ever expected that's why they ran out of stock.

--- In icomr75@y..., "Art Burke" <pianomanab@s...> wrote:
> I sent in for my "free" dsp board around 6 to 8 weeks ago...Anyone know if
> they
> are running this far behind, or should I give them a call?
>
> Thanks,
>
> Art
>
>
> [Non-text portions of this message have been removed]

1556. Re: [icomr75] Re: R75 Cookbook

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-07 15:51:06 UTC
From: Gert Nilsson
Topic: 1551 Message: 1556

I received your pdf file in perfect shape, Phil.
----- Original Message -----
From: radiohighfreq
To: icomr75@yahoogroups.com
Sent: Tuesday, May 07, 2002 3:28 PM
Subject: [icomr75] Re: R75 Cookbook

Phil,

Tried viewing your R-75 Cookbook, the photo came out ok, but the text
came out a series of little round dots. Next tried to print page #1
with the same results. What text did you use in this pdf file ? ~
RHF

--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> hi peoples!
>
> i posted the first version of my 'R75 Cookbook' in the Files ->
> Information section. It is a nine page, 100 kb PDF called 'PhilCook.
> pdf' it is sort of a users manual i have worked on for quite some
> time. take a peek... if you're new you should find a lot of useful
> information; hopefully everyone can get something from it. find any
> errors? drop me a line.
>
> regards,
> phil :)

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[Non-text portions of this message have been removed]

1557. RE: [icomr75] Re: DSP-still not here - Wait until 1st week of June before calling.

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-07 17:17:51 UTC
From: Art Burke
Topic: 1544 Message: 1557

Thanks for the info!

Art
-----Original Message-----
From: uncle_ziba [mailto:uncle_ziba@...]
Sent: Tuesday, May 07, 2002 12:11 PM
To: icomr75@yahoogroups.com
Subject: [icomr75] Re: DSP-still not here - Wait until 1st week of June before calling.

I just got off the phone with a person who handles this promotional offer at ICOM America. She said the DSP units are on order and should receive the shipment by the end of May. She said the response to the promotion was higher than they ever expected that's why they ran out of stock.

--- In icomr75@y..., "Art Burke" <pianomanab@s...> wrote:
> I sent in for my "free" dsp board around 6 to 8 weeks ago...Anyone know if
> they
> are running this far behind, or should I give them a call?
>
> Thanks,
>
> Art
>
>
> [Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

1558. Re: [icomr75] Re: DSP-still not here - Wait until 1st week of June before calling.

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-07 17:36:08 UTC
From: K0ADL
Topic: 1544 Message: 1558

Would it be possible to publish here the phone number you called?
----- Original Message -----
From: Art Burke
To: icomr75@yahoogroups.com
Sent: Tuesday, May 07, 2002 11:17 AM
Subject: RE: [icomr75] Re: DSP-still not here - Wait until 1st week of June before calling.

Thanks for the info!

Art
-----Original Message-----
From: uncle_ziba [mailto:uncle_ziba@...]
Sent: Tuesday, May 07, 2002 12:11 PM
To: icomr75@yahoogroups.com
Subject: [icomr75] Re: DSP-still not here - Wait until 1st week of June
before calling.

I just got off the phone with a person who handles this promotional
offer at ICOM America. She said the DSP units are on order and
should receive the shipment by the end of May. She said the response
to the promotion was higher than they ever expected that's why they
ran out of stock.

--- In icomr75@y..., "Art Burke" <pianomanab@s...> wrote:
> I sent in for my "free" dsp board around 6 to 8 weeks ago...Anyone
know if
> they
> are running this far behind, or should I give them a call?
>
> Thanks,
>
> Art
>
>
> [Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

1559. Re: DSP-still not here - Wait until 1st week of June before calling.

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-07 18:15:52 UTC
From: uncle_ziba
Topic: 1544 Message: 1559

--- In icomr75@y..., "K0ADL" <k0adlr75@h...> wrote:
> Would it be possible to publish here the phone number you called?

Sorry I didn't save the number. I got it off "Contact Us" page on
www.icomamerica.com site

1560. Re: R75 Cookbook

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-07 23:10:44 UTC
From: bpnjensen
Topic: 1551 Message: 1560

--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> hi peoples!
>
> i posted the first version of my 'R75 Cookbook' in the Files ->
> Information section. It is a nine page, 100 kb PDF
called 'PhilCook.
> pdf' it is sort of a users manual i have worked on for quite some
> time. take a peek... if you're new you should find a lot of useful
> information; hopefully everyone can get something from it. find any
> errors? drop me a line.
>
> regards,
> phil :)

Hi, Phil - just gorgeous. However, to give proper credit where it is due, the "Super DXing" method that is attributed (I think) to me is actually something that Mr. Michael Bryant developed one day and shared with all of us. I believe I just repeated it for the benefit of another group. It is rather amazing - the number of heterodynes one hears multiplies like rabbits as compared to keeping that AGC on!

Bruce Jensen

1561. Re: [icomr75] Re: R75 Auction

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-07 23:22:29 UTC
From: Clifton Turner
Topic: 1551 Message: 1561

Loaded with options.
http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1351533483

1562. R75 Filter Setup

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-08 01:07:25 UTC
From: sgm_tim
Topic: 1562 Message: 1562

Help... I never have really understood the filter set-up on my R-75.
Reading Phil's Cookbook (great guide, by the way) settings are
described as AM Normal, AM Narrow, etc. When I go into filter setup
I have a dislay for 9M and 455K in normal, narrow, and wide modes.
What is the differance between the 9M and 455K filters and how can I
set these to match Phil's recommendations??

Thanks,
TH

1563. Re: R75 Cookbook

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-08 03:37:46 UTC
From: just_rtfm
Topic: 1551 Message: 1563

hi everyone,

thanks for the kind words! Bruce, i will credit Bryant. i am hoping
that this cookbook will make the learning curve easier.

radiohighfreq:
please try this PDF with more fonts embedded and tell me if it works:

http://www.geocities.com/just_rtfm/PhilCook03.pdf

regards,
phil :)

1564. Re: R75 Filter Setup

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-08 03:43:45 UTC
From: just_rtfm
Topic: 1562 Message: 1564

hi TH:

look at the filters i suggested and then program them in like this
example of SSB...

Press 'SSB' (or whatever mode you want to setup filters in).

Depress 'FIL' 2 seconds (9M will be displayed).
Turn the dial until '2.4' is displayed.

Press 'UP' (455K will be displayed).
Turn the dial until '2.4' is displayed.

Press 'UP' (9M with an 'N' meaning narrow will be displayed).
Turn the dial until 'oFF' is displayed.

Press 'UP' /until/ 'EXP' is displayed.
Turn the dial until 'oN' is displayed.

Press 'UP' until 9M with a 'W' above it (meaning WIDE) is displayed.
Turn the dial until '15' is displayed.

Press 'UP' (455k with a 'W' will be displayed).
Turn the dial until '6' is displayed.

Press 'FIL' to exit.

phil :)

1565. Re: [icomr75] Re: R75 Cookbook

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-08 05:11:02 UTC
From: Bruce Jensen
Topic: 1551 Message: 1565

Very interesting - my PC at work brings this up just
fine on Adobe, but on my home PC it looks like it was
written by a Morse Code operator who cannot hold down
his key ;-)

Bruce Jensen
****
--- just_rtfm <just_rtfm@...> wrote:
> hi everyone,
>
> thanks for the kind words! Bruce, i will credit
> Bryant. i am hoping
> that this cookbook will make the learning curve
> easier.
>
> radiohighfreq:
> please try this PDF with more fonts embedded and
> tell me if it works:
>
> http://www.geocities.com/just_rtfm/PhilCook03.pdf
>
> regards,
> phil :)
>
>
>
>

=====
Bruce Jensen, associate of:
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

Do You Yahoo!?
Yahoo! Health - your guide to health and wellness
http://health.yahoo.com

1566. Re: R75 Cookbook - use Acrobat 5.0

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-08 06:11:23 UTC
From: bpnjensen
Topic: 1551 Message: 1566

--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> hi everyone,

> radiohighfreq:
> please try this PDF with more fonts embedded and tell me if it
works:
>
> http://www.geocities.com/just_rtfm/PhilCook03.pdf

Ah, HA! I downloaded the new Acrobat 5.0 and now it works great 9I
was using the old Version 3 - d'oh!)

Bruce Jensen

1567. Re: R75 Cookbook - use Acrobat 5.0

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-08 07:11:18 UTC
From: radiohighfreq
Topic: 1551 Message: 1567

BJ,

Dittos, the Old V3.xx Acrobat was my problem on both files.
The download of the FREE New V5+ of Arcrobat fixed the viewing and
printing problems with both files. Now to try all the goodies in this
book of tricks.

~ RHF

--- In icomr75@y..., "bpnjensen" <bpnjensen@y...> wrote:
> --- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> > hi everyone,
>
> > radiohighfreq:
> > please try this PDF with more fonts embedded and tell me if it
> works:
> >
> > http://www.geocities.com/just_rtfm/PhilCook03.pdf
>
> Ah, HA! I downloaded the new Acrobat 5.0 and now it works great 9I
> was using the old Version 3 - d'oh!)
>
> Bruce Jensen

1568. IF On - Off

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-08 23:03:52 UTC
From: sarmento2k
Topic: 1568 Message: 1568

Hi People

Could someone explain me why we can turn off the IF 9M or 455k ?

I mean, what are the benefits of working just one IF instead of both ?

Using just one IF we could manage better the filter setup ?

In this case we would have less sensivity or selectivity ?

Thanks for your attention, I´m a beginner !

Regards

Sarmento Campos
Rio de Janeiro - Brazil

1569. New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-10 01:12:20 UTC
From: icomr75@yahoogroups.com
Topic: 242 Message: 1569

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the icomr75
group.

File : /Photos/r75exec.jpg
Uploaded by : jgedde <jgedde@...>
Description : My R75 Software screen shot

You can access this file at the URL

http://groups.yahoo.com/group/icomr75/files/Photos/r75exec.jpg

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

jgedde <jgedde@...>

1570. Re: New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-10 01:19:34 UTC
From: just_rtfm
Topic: 242 Message: 1570

hi jgedde:

damn that is looking sweet!

phil :)

1571. R75 Software I'm working on

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-10 01:27:51 UTC
From: jgedde
Topic: 1571 Message: 1571

Hello all,

After reading that Icom wants $60 for their software to control the R75, I figured I'd let the cat out of the bag now...

I've been working on a Windows program to control my R75. It's called R75 Executive. It's not
done yet, but is well on its way. I'll probably give it away for free, just not the code....

What I will say is that it's written in Visual C++ using MFC. No buggy VB application here...

I've uploaded a screen shot of what I have so far (photos section). All of the
controls you can see are working. In addition, from the tools menu you can sync the R75 time with your PC clock, and set all of the options available via the "set" key, but in a much more user friendly fashion.

Notice there is no menu for COM port setup. I have implemented an automatic routine where the software searches available COM ports for the R75 and automatically sets baud rate.

I have had the software running for well over a week constantly, and it hasn't yet crashed.

The one thing I have not yet implemented is memory stuff, "easy" station logging (times, QSL database, SINPO, and much more), spectrum analysis, and maybe even audio DSP (audio notch, equalization, companding, noise reduction, etc).

Other idea I have are IR remote control, network control, and a OLE Automation interface to allow control of the R75 from other applications. One could use this to put an R75 on the net...

Let me know what you all think, as well as any comments you may have.

Also, please send me any ideas you have for functionality I haven't thought of.

In addition, please let me know if you want a BETA release version to try... It will run on NT,98/ME/2000/XP and probably 95. I am using some multithreading stuff and exception handling that may not work right under 95. The only way to know is to try... I don't have a Win95 system to try it out on.

Thanks,
John Gedde

1572. Re: [icomr75] R75 Software I'm working on

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-10 01:45:05 UTC
From: Ian Johnson
Topic: 1571 Message: 1572

John

I see a tuning knob as being necessary, especially for ECSS work. Or at least a +/- control from set frequency.

Also, a query. Can you bring the audio back to the PC?
If I were to use it I would have some distance between PC and R75. I wonder what distance RS232 tolerates?

Otherwise it looks like very nice work. Thanks for sharing it.

Best Regards
Ian Johnson
Brisbane, Australia
----- Original Message -----
From: jgedde
To: icomr75@yahoogroups.com
Sent: Friday, May 10, 2002 11:27 AM
Subject: [icomr75] R75 Software I'm working on

Hello all,

After reading that Icom wants $60 for their software to control the R75, I figured I'd let the cat out of the bag now...

I've been working on a Windows program to control my R75. It's called R75 Executive. It's not
done yet, but is well on its way. I'll probably give it away for free, just not the code....

What I will say is that it's written in Visual C++ using MFC. No buggy VB application here...

I've uploaded a screen shot of what I have so far (photos section). All of the
controls you can see are working. In addition, from the tools menu you can sync the R75 time with your PC clock, and set all of the options available via the "set" key, but in a much more user friendly fashion.

Notice there is no menu for COM port setup. I have implemented an automatic routine where the software searches available COM ports for the R75 and automatically sets baud rate.

I have had the software running for well over a week constantly, and it hasn't yet crashed.

The one thing I have not yet implemented is memory stuff, "easy" station logging (times, QSL database, SINPO, and much more), spectrum analysis, and maybe even audio DSP (audio notch, equalization, companding, noise reduction, etc).

Other idea I have are IR remote control, network control, and a OLE Automation interface to allow control of the R75 from other applications. One could use this to put an R75 on the net...

Let me know what you all think, as well as any comments you may have.

Also, please send me any ideas you have for functionality I haven't thought of.

In addition, please let me know if you want a BETA release version to try... It will run on NT,98/ME/2000/XP and probably 95. I am using some multithreading stuff and exception handling that may not work right under 95. The only way to know is to try... I don't have a Win95 system to try it out on.

Thanks,
John Gedde

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[Non-text portions of this message have been removed]

1573. Re: R75 Software I'm working on

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-10 01:47:20 UTC
From: jgedde
Topic: 1571 Message: 1573

One other thing.... After looking at the screen shot, you may be wondering why the SMeter reads almost 10, but the SMeter digital display shows +6.6. This is because the signal was at +6.6 dB OVER S-9.

The number the R75 returns is two BCD bytes containing the SMeter reading from 0 to 255. Its count does not directly correspond with any SMeter reading. So, I use a non-linear function to convert counts from S-0 to S-9 to display S-0 to S-9, and over S-9, I use another nonlinear function to convert to db over S-9.

I believe someone once asked about the relationship between counts and S-Meter reading, so here is the code I use:

```
double CR75ExecutiveView::GetSMeterFromBuffer(unsigned char* buffer)
{
double retval=0.0;

retval+=(double)BCDToDecimal(buffer[0])*100.0;
retval+=(double)BCDToDecimal(buffer[1]);

if (retval>=153.0) // Over S-9
retval=33.862738+(0.17608924*retval)+(-1186200.7/
(retval*retval));
else //Under S-9
retval=5.2079+(5.2644*cos((0.01794265*retval)+3.15348));
#ifdef SHOW_STATUS
TRACE("SMeter: %5.1f \n", retval);
#endif
return retval;
}
```

John Gedde

--- In icomr75@y..., "jgedde" <jgedde@b...> wrote:
> Hello all,
>
> After reading that Icom wants $60 for their software to control the
> R75, I figured I'd let the cat out of the bag now...
>
> I've been working on a Windows program to control my R75. It's
> called R75 Executive. It's not
> done yet, but is well on its way. I'll probably give it away for
> free, just not the code....
>
> What I will say is that it's written in Visual C++ using MFC. No
> buggy VB application here...

>
> I've uploaded a screen shot of what I have so far (photos
section).
> All of the
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> you can sync the R75 time with your PC clock, and set all of the
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friendly
> fashion.
>
> Notice there is no menu for COM port setup. I have implemented an
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> the R75 and automatically sets baud rate.
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> I have had the software running for well over a week constantly,
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> it hasn't yet crashed.
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> The one thing I have not yet implemented is memory stuff, "easy"
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spectrum
> analysis, and maybe even audio DSP (audio notch, equalization,
> companding, noise reduction, etc).
>
> Other idea I have are IR remote control, network control, and a OLE
> Automation interface to allow control of the R75 from other
> applications. One could use this to put an R75 on the net...
>
> Let me know what you all think, as well as any comments you may
have.
>
> Also, please send me any ideas you have for functionality I haven't
> thought of.
>
> In addition, please let me know if you want a BETA release version
to
> try... It will run on NT,98/ME/2000/XP and probably 95. I am
using
> some multithreading stuff and exception handling that may not work
> right under 95. The only way to know is to try... I don't have a
> Win95 system to try it out on.
>
> Thanks,
> John Gedde

1574. Re: [icomr75] R75 Software I'm working on

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-10 01:50:26 UTC
From: Marv
Topic: 1571 Message: 1574

Hello John
I run my R75 from a AMD K7/500 win98 machine. I have both the Icom software (ugh) and the SmartIcom software (better). It would be interesting to try yours as well.
I am willing to try your beta version if you have the need.

j> In addition, please let me know if you want a BETA release version to
j> try... It will run on NT,98/ME/2000/XP and probably 95. I am using
j> some multithreading stuff and exception handling that may not work
j> right under 95.

Marv

1575. Re: R75 Software I'm working on

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-10 01:53:32 UTC
From: jgedde
Topic: 1571 Message: 1575

Ian,

I haven't yet added a tuning knob, but I will. I've been thinking over actually how I am going to design the user interface. I want to provide more flexibility with regard to tuning steps than the R75 provides...

Bear in mind, this software is still very much work in progress... Your idea give me food for thought...

As for audio, it can't be taken digitally over RS232, so you'd have to run a audio cable from the R75 to your PC line in, or use a remote speaker. Maybe one of those wireless jobs...

I saw your post was from Austrailia. Despite the fact that you all speak English down under, it brought to mind another thought. Internationalization. Eventually I could load all of the screen text from a language resource to have it work in multiple languages...

Cheers,
John

--- In icomr75@y..., "Ian Johnson" <ianjohnno@t...> wrote:
> John
>
> I see a tuning knob as being necessary, especially for ECSS work.
Or at least a +/- control from set frequency.
>
> Also, a query. Can you bring the audio back to the PC?
> If I were to use it I would have some distance between PC and R75.
I wonder what distance RS232 tolerates?
>
> Otherwise it looks like very nice work. Thanks for sharing it.
>
> Best Regards
> Ian Johnson
> Brisbane, Australia
> ----- Original Message -----
> From: jgedde
> To: icomr75@y...
> Sent: Friday, May 10, 2002 11:27 AM
> Subject: [icomr75] R75 Software I'm working on
>
>
> Hello all,
>

> After reading that Icom wants $60 for their software to control
the
> R75, I figured I'd let the cat out of the bag now...
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> I've been working on a Windows program to control my R75. It's
> called R75 Executive. It's not
> done yet, but is well on its way. I'll probably give it away for
> free, just not the code....
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> What I will say is that it's written in Visual C++ using MFC. No
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> I've uploaded a screen shot of what I have so far (photos
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> fashion.
>
> Notice there is no menu for COM port setup. I have implemented
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> The one thing I have not yet implemented is memory stuff, "easy"
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spectrum
> analysis, and maybe even audio DSP (audio notch, equalization,
> companding, noise reduction, etc).
>
> Other idea I have are IR remote control, network control, and a
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> Automation interface to allow control of the R75 from other
> applications. One could use this to put an R75 on the net...
>
> Let me know what you all think, as well as any comments you may
have.
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> Also, please send me any ideas you have for functionality I
haven't
> thought of.
>

> In addition, please let me know if you want a BETA release
version to
> try... It will run on NT,98/ME/2000/XP and probably 95. I am
using
> some multithreading stuff and exception handling that may not
work
> right under 95. The only way to know is to try... I don't have
a
> Win95 system to try it out on.
>
> Thanks,
> John Gedde
>
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>
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1576. Re: R75 Software I'm working on

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-10 01:55:07 UTC
From: jgedde
Topic: 1571 Message: 1576

I'll post a ZIP file with the BETA when I have one ready...

Thanks,
John

--- In icomr75@y..., Marv <bizjetmech@e...> wrote:
> Hello John
> I run my R75 from a AMD K7/500 win98 machine. I have both the Icom
> software (ugh) and the SmartIcom software (better). It would be
interesting to
> try yours as well.
> I am willing to try your beta version if you have the need.
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> j> In addition, please let me know if you want a BETA release
version to
> j> try... It will run on NT,98/ME/2000/XP and probably 95. I am
using
> j> some multithreading stuff and exception handling that may not
work
> j> right under 95.
>
>
> Marv

1577. Re: R75 Software I'm working on

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-10 01:55:38 UTC
From: just_rtfm
Topic: 1571 Message: 1577

hi John:

impressive!!!... MFC, automatic baud detection. if you feel like it
you could add 'get time' and update UTC via the naval observatory's
nuclear clock using CSocket. i think your program looks great!

phil :)

1578. Re: R75 Software I'm working on

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-10 01:57:02 UTC
From: jgedde
Topic: 1571 Message: 1578

Cool idea, and not too hard to do either. I'll add it as a bell and whistle sometime...

John

--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> hi John:
>
> impressive!!!... MFC, automatic baud detection. if you feel like it
> you could add 'get time' and update UTC via the naval observatory's
> nuclear clock using CSocket. i think your program looks great!
>
> phil :)

1579. Re: [icomr75] Re: R75 Software I'm working on

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-10 01:58:36 UTC
From: Ian Johnson
Topic: 1571 Message: 1579

Thanks John

Also, maybe the PBT labelling could be 9MHz and 45xKHz rather than outer and inner.

We still speak English of a sort down here....

No comment on maximum length of RS232 cable?

Cheers
IanJ
----- Original Message -----
From: jgedde
To: icomr75@yahoogroups.com
Sent: Friday, May 10, 2002 11:53 AM
Subject: [icomr75] Re: R75 Software I'm working on

Ian,

I haven't yet added a tuning knob, but I will. I've been thinking
over actually how I am going to design the user interface. I want to
provide more flexibility with regard to tuning steps than the R75
provides...

Bear in mind, this software is still very much work in progress...
Your idea give me food for thought...

As for audio, it can't be taken digitally over RS232, so you'd have
to run a audio cable from the R75 to your PC line in, or use a remote
speaker. Maybe one of those wireless jobs...

I saw your post was from Austrailia. Despite the fact that you all
speak English down under, it brought to mind another thought.
Internationalization. Eventually I could load all of the screen text
from a language resource to have it work in multiple languages...

Cheers,
John

--- In icomr75@y..., "Ian Johnson" <ianjohnno@t...> wrote:
> John
>
> I see a tuning knob as being necessary, especially for ECSS work.
Or at least a +/- control from set frequency.
>
> Also, a query. Can you bring the audio back to the PC?
> If I were to use it I would have some distance between PC and R75.
I wonder what distance RS232 tolerates?
>

> Otherwise it looks like very nice work. Thanks for sharing it.
>
> Best Regards
> Ian Johnson
> Brisbane, Australia
> ----- Original Message -----
> From: jgedde
> To: icomr75@y...
> Sent: Friday, May 10, 2002 11:27 AM
> Subject: [icomr75] R75 Software I'm working on
>
>
> Hello all,
>
> After reading that Icom wants $60 for their software to control
the
> R75, I figured I'd let the cat out of the bag now...
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> you can sync the R75 time with your PC clock, and set all of the
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> Notice there is no menu for COM port setup. I have implemented
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> The one thing I have not yet implemented is memory stuff, "easy"
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> Win95 system to try it out on.
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> Thanks,
> John Gedde
>
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1580. Re: [icomr75] Re: R75 Software I'm working on

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-10 02:36:15 UTC
From: Radostin Danev
Topic: 1571 Message: 1580

Hi John,

The software looks really nice!
About the tuning knob - I always wanted a software which can use the scroll wheel on the mouse as a tuning knob.
Waiting to try your first beta.

Best regards,

Rado

1581. Re: R75 Software I'm working on

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-10 10:54:01 UTC
From: jgedde
Topic: 1571 Message: 1581

The maximum length depends on many factors. Quality of the cable, impedance of the drivers/receivers. It can be as little as 15 feet, or can work up to 100 feet+.

For longer distances, using a RS422 converter at each end can allow up to 1500 feet.

John

--- In icomr75@y..., "Ian Johnson" <ianjohnno@t...> wrote:
> Thanks John
>

> Also, maybe the PBT labelling could be 9MHz and 45xKHz rather than outer and inner.
>
> We still speak English of a sort down here....
>
> No comment on maximum length of RS232 cable?
>
> Cheers
> IanJ
> ----- Original Message -----
> From: jgedde
> To: icomr75@y...
> Sent: Friday, May 10, 2002 11:53 AM
> Subject: [icomr75] Re: R75 Software I'm working on
>
>
> Ian,
>
> I haven't yet added a tuning knob, but I will. I've been thinking
> over actually how I am going to design the user interface. I want to
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> Bear in mind, this software is still very much work in progress...
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> to run a audio cable from the R75 to your PC line in, or use a remote

> speaker. Maybe one of those wireless jobs...
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> Internationalization. Eventually I could load all of the screen
text
> from a language resource to have it work in multiple languages...
>
> Cheers,
> John
>
>
> --- In icomr75@y..., "Ian Johnson" <ianjohnno@t...> wrote:
> > John
> >
> > I see a tuning knob as being necessary, especially for ECSS
work.
> Or at least a +/- control from set frequency.
> >
> > Also, a query. Can you bring the audio back to the PC?
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R75.
> I wonder what distance RS232 tolerates?
> >
> > Otherwise it looks like very nice work. Thanks for sharing it.
> >
> > Best Regards
> > Ian Johnson
> > Brisbane, Australia
> > ----- Original Message -----
> > From: jgedde
> > To: icomr75@y...
> > Sent: Friday, May 10, 2002 11:27 AM
> > Subject: [icomr75] R75 Software I'm working on
> >
> >
> > Hello all,
> >
> > After reading that Icom wants $60 for their software to
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> > All of the
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> > you can sync the R75 time with your PC clock, and set all of
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> > options available via the "set" key, but in a much more user
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> > fashion.
> >
> > Notice there is no menu for COM port setup. I have
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> an
> > automatic routine where the software searches available COM
ports
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> > the R75 and automatically sets baud rate.
> >
> > I have had the software running for well over a week
constantly,
> and
> > it hasn't yet crashed.
> >
> > The one thing I have not yet implemented is memory
stuff, "easy"
> > station logging (times, QSL database, SINPO, and much more),
> spectrum
> > analysis, and maybe even audio DSP (audio notch,
equalization,
> > companding, noise reduction, etc).
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> > Automation interface to allow control of the R75 from other
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> > Let me know what you all think, as well as any comments you
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> have.
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> > In addition, please let me know if you want a BETA release
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> > right under 95. The only way to know is to try... I don't
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> a
> > Win95 system to try it out on.
> >
> > Thanks,
> > John Gedde
> >
> >
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> >
> >
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>
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1582. Re: R75 Software I'm working on

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-10 10:55:40 UTC
From: jgedde
Topic: 1571 Message: 1582

I think that do-able, if the mouse is positioned over the tuning
knob...

John

--- In icomr75@y..., "Radostin Danev" <rado@n...> wrote:
> Hi John,
>
> The software looks really nice!
> About the tuning knob - I always wanted a software which can use
the scroll
> wheel on the mouse as a tuning knob.
> Waiting to try your first beta.
>
> Best regards,
>
> Rado

1583. Re: R75 Software I'm working on

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-10 18:21:18 UTC
From: rsakabu
Topic: 1571 Message: 1583

--- In icomr75@y..., "Ian Johnson" <ianjohnno@t...> wrote:
> Thanks John
>
> Also, maybe the PBT labelling could be 9MHz and 45xKHz rather than outer and inner.
>
> We still speak English of a sort down here....
>
> No comment on maximum length of RS232 cable?
>
> Cheers
> IanJ

This topic was covered a few months ago so you can do a search if you want the details, but for a quick recap of the story:

I was experiencing computer noise while playing around with conputer control of my R-75 so I hooked about 6-8 DB9MF extension cables together and put the radio in another room about 30 feet away. I then twisted a pair of 22 AWG wires for about 40 feet and put 1/8" mini plugs on either end and plugged the audio out of the R-75 to the audio in of the computer. Everything worked perfectly.

I think the original spec for RS-232 was 12 feet, it's been changed numerous times, but 20-30 feet is almost always reached without a problem and ther are some extreme cases of people using it for hundreds of feet or more. If you made a custom length cable with shielded wires, you can probably run it across any length of your house. Same with the audio cable. In the worst case, you could lower the baud rate and boost your range, or get a pair of 232/422 converters.

73
Roy

1584. Re: [icomr75] Re: R75 Software I'm working on

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-10 19:05:52 UTC
From: efricha@dimensional.com
Topic: 1571 Message: 1584

> >
> > No comment on maximum length of RS232 cable?
> >
> > Cheers
> > IanJ
>
> This topic was covered a few months ago so you can do a search if you
> want the details, but for a quick recap of the story:
[...]
> I think the original spec for RS-232 was 12 feet, it's been changed
> numerous times, but 20-30 feet is almost always reached without a
> problem and ther are some extreme cases of people using it for
> hundreds of feet or more.

We at Gould, in 1985, ran 2000 feet at 9600bps using Belden 3 pair
wire. (Don't recommend it, but that's 'cause our wires ran outside
and picked up LOTS of induced EMF during lightning strikes, frequently
obliterating RS232 drivers in VT100s and Gandalf switches.)

Don't ask why we did it that way... it's a Dilbert kind of story...

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

1585. cable lengths

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-10 19:59:29 UTC
From: K0ADL
Topic: 1585 Message: 1585

If you can use two computers, you might want to consider Windows Terminal Server, or Remote Desktop in Windows XP. The really hot set-up would be to use a standard length of RS232 cable to a Windows XP box, put that machine on a wireless network hub and control your R75 via Remote Desktop from a wireless networked laptop or iPaq. If the control software would bring the audio back to the soundcard on the serially connected computer, XP will re-direct that audio across your network to the laptop. Alternatively, you could use a low power FM transmitter to re-transmit the audio to a walkman or home stereo equipment. In that way, the R75 becomes virtualized throughout your home.

If you know your ISP assigned IP address, and have a home router / firewall, you can "punch a hole" through it and use remote desktop connection from any Windows NT / 2000 / XP / or probably 95-98 machine to get back to your control machine at home regardless of where you are in the world via the Internet. Of course, this pretty much only works with digital modes unless you can bring the R75 sound back to the sound card (or re-broadcast through a really HIGH powered FM or AM transmitter . . . but that would be a bit of overkill huh?). Soundcard re-direction does work across fast internet connections, though it is a bit choppy at times.

Example of how this can be used: If I am at work, I can use Remote Desktop to get back to my home machine, bring up the free version of Fineware, turn on the R75, tune it, set the mode, etc, bring up Digipan or MSSTV and monitor PSK31 or slow scan TV from the virtual desktop on my work computer . . . during my lunch break only of course ;)

Something to think about.

KØADL

----- Original Message -----
From: efricha@...
To: icomr75@yahoogroups.com
Cc: Eric F. Richards
Sent: Friday, May 10, 2002 1:05 PM
Subject: Re: [icomr75] Re: R75 Software I'm working on

> >
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> > Cheers
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Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

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Weight:
Sex: F M

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[Non-text portions of this message have been removed]

1586. Re: cable lengths

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-10 20:50:10 UTC
From: rsakabu
Topic: 1585 Message: 1586

> Example of how this can be used: If I am at work, I can use Remote Desktop to get back to my home machine, bring up the free version of Fineware, turn on the R75, tune it, set the mode, etc, bring up Digipan or MSSTV and monitor PSK31 or slow scan TV from the virtual desktop on my work computer . . . during my lunch break only of course ;)
>
> Something to think about.
>
> KØADL
>

Already done.

http://www.ralabs.com/webradio/

... and putting a cable that runs from the audio out to the audio in on your PC's soundcard makes WinPSK decode PSK31 if you tune to the PSK31 frequencies on the web radios! The only problem is that it is a public (open) site and anyone can change the frequency at any time. On top of that, N2JEU disconnects the radio's during thunderstorm season :(

1587. Re: [icomr75] Re: cable lengths

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-10 23:15:04 UTC
From: Ian Johnson
Topic: 1585 Message: 1587

Thanks for all the replies on cable lengths. Most interesting and useful.
73
IanJ
----- Original Message -----
From: rsakabu
To: icomr75@yahoogroups.com
Sent: Saturday, May 11, 2002 6:50 AM
Subject: [icomr75] Re: cable lengths

> Example of how this can be used: If I am at work, I can use Remote Desktop to get back to my home machine, bring up the free version of Fineware, turn on the R75, tune it, set the mode, etc, bring up Digipan or MSSTV and monitor PSK31 or slow scan TV from the virtual desktop on my work computer . . . during my lunch break only of course ;)
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[Non-text portions of this message have been removed]

1588. ANN: tk75, new open source software for IC-R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-11 03:13:53 UTC
From: Bob Parnass, AJ9S
Topic: 1588 Message: 1588

I wrote tk75, a new open source computer program which lets you:

(1) Control the IC-R75 from your computer.

(2) Download/upload the radio's memory channels from/to a
csv (comma-separated values) file.

(3) Log active frequencies, intercept time, and relative signal
strength automatically while scanning.

(4) Easily access radio controls which are buried
within the radio's menus, e.g., DSP Noise Reduction level.

Though I've all but abandoned Windows 98 in favor of free Linux,
I wrote tk75 in a language (Tcl/Tk) which permits it run on either
operating system. It will probably run on Windows ME, Windows 2000,
Windows XP, MacOS X, Solaris, FreeBSD, and other environments,
but I've only tested it on Linux and Windows 98.

You can read about and download a beta test version of tk75
from my home page:

http://members.core.com/~parnass

I don't warrant the software, but it won't cost you anything.

Thanks to Bob Grove for the loan of an ICOM IC-R75 receiver
so I could design and test tk75.
--
==
Bob Parnass, AJ9S parnass@... http://members.core.com/~parnass
Linux user

1589. Re: ANN: tk75, new open source software for IC-R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-11 17:00:10 UTC
From: w1193
Topic: 1588 Message: 1589

Has anyone else got this to run on WIN 98 yet? I sure can't.
I read the instructions 3 times over and am sure it was setup
correctly but it still gives an env error.....
:-(

--- In icomr75@y..., "Bob Parnass, AJ9S" <parnass@m...> wrote:
> I wrote tk75, a new open source computer program which lets you:
>
> (1) Control the IC-R75 from your computer.
>
> Bob Parnass, AJ9S parnass@m... http://members.core.com/~parnass
> Linux user

1590. Re: R75 Software I'm working on

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-11 17:04:34 UTC
From: w1193
Topic: 1571 Message: 1590

VB Applicatons ARE NOT buggy when written properly. Both Visual C++
and VB are very similiar.

:-)

--- In icomr75@y..., "jgedde" <jgedde@b...> wrote:
> Hello all,
>
> After reading that Icom wants $60 for their software to control the
> R75, I figured I'd let the cat out of the bag now...
>
> What I will say is that it's written in Visual C++ using MFC. No
> buggy VB application here...
>
> Thanks,
> John Gedde

1591. Re: R75 Software I'm working on

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-11 17:10:20 UTC
From: w1193
Topic: 1571 Message: 1591

The two BCD bytes my R7100 return definitely coincide with an S-meter reading. 3 on the SMeter of the R7100 corresponds to 30, S9 corresponds to 90 etc. Maybe its just for the R7100 though.

:-)

--- In icomr75@y..., "jgedde" <jgedde@b...> wrote:
> The number the R75 returns is two BCD bytes containing the SMeter
> reading from 0 to 255. Its count does not directly correspond with
> any SMeter reading. > >
> > Thanks,
> > John Gedde

1592. RE: [icomr75] Re: R75 Software I'm working on

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-11 17:20:44 UTC
From: antoine
Topic: 1571 Message: 1592

VB is a very good soft ,i write a program for icr75 and it so fast to use
the icr75.

do you think write Vc++ give more powerful to your Soft ?!

a+

Antoine

-----Message d'origine-----
De : w1193 [mailto:w1193@...]
Envoye : samedi 11 mai 2002 19:05
A : icomr75@yahoogroups.com
Objet : [icomr75] Re: R75 Software I'm working on

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and VB are very similiar.

:-)

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1593. Re: [icomr75] Re: ANN: tk75, new open source software for IC-R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-11 18:44:45 UTC
From: Bob Parnass, AJ9S
Topic: 1588 Message: 1593

You didn't say what the exact error message was, but
if it was something like:

tk75.tcl: error: Environment variable tk75 must
be set to the directory containing the library
files for program tk75tcl.

it means you need to add the the SET tk75=C:\tk75 line
to your C:\AUTOEXEC.BAT file and reboot, as detailed
on this page:

http://members.core.com/~parnass/tk75/dl4win98.html

Perhaps you missed that step or forgot to reboot.

On Saturday 11 May 2002 12:00 pm, w1193 wrote:
> Has anyone else got this to run on WIN 98 yet? I sure can't.
> I read the instructions 3 times over and am sure it was setup
> correctly but it still gives an env error.....
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>
>

--
==
Bob Parnass, AJ9S parnass@... http://members.core.com/~parnass
Linux user

1594. Re: ANN: tk75, new open source software for IC-R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-12 00:05:04 UTC
From: w1193
Topic: 1588 Message: 1594

Thanks for your patience and help Bob!

For others interested the TCL MUST be installed on Drive C and the program tk75 can reside on ANY DRIVE in the system. This is on a windows 98 system. Looks & Works GREAT! Thanks again Bob, looking for more to come.

:-)
Wayne.

--- In icomr75@y..., "Bob Parnass, AJ9S" <parnass@m...> wrote:
> You didn't say what the exact error message was, but
> if it was something like:
>
> tk75.tcl: error: Environment variable tk75 must
> be set to the directory containing the library
> files for program tk75tcl.

>
==========
===
> Bob Parnass, AJ9S parnass@m... http://members.core.com/~parnass
> Linux user

1595. Re: R75 Software I'm working on

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-12 02:35:38 UTC
From: jgedde
Topic: 1571 Message: 1595

Well then, they're SLOW, and they don't provide low-level code that the debugger can walk through when an exception occurs.

I wrote a FIR DSP filter in VB 6 a year or so ago, that, when written in C++ runs 40-50 times faster. This is because it doesn;t have to run through VB's OLE subsystem and can be compiled to REAL native code that doesn't need 20 DLLs to run...

Furthermore, the MSCOMM.OCX control has never worked well since they introduced it. With high bandwidth, the control causes an access violation (which VB ignores with no indication to the developer) and just stops responding. In VC++ the same situation occurs, but since it's caught, the control can be re-instatiated and invoked again.

For the R75 application, I ended up wiring my own serial port class that runs circles around MSCOMM and hasn't yet crashed (since I worked the bugs out of it)

If you get a GPF in VB what do you do about it? You fire up the VC++ debugger and step through assembly code to figure it out. Not my idea of a good time...

I have exactly this problem at work. I developed an instrumentation interface as an ActiveX control for use in a VC++ application. The VC++ application runs flawlessly, but the VB control has a problem I can't track down because I have no indication of what the compiler created from my VB code. Somewhere it's type-casting a double to a single internally, and causing a loss of precision, causing the floating point unit to fire an exception inermittently on control termination.

I also have to disagree with the statement that VC++ and VB are similar. VC++ and MFC are so far beyond what VB can do, it's unbelieveable.

I was a VB programmer for many years before I learned VC++. Now, I'll never go back. Just take a look at Appelman's Win32 API book for VB and see the set of API calls that VB can't make...

All the things I can do VC++, that I can't do with VB are overwhelming. You can't even begin to develop a low level device driver with VB. VC++ can with ease...

API calls are much easier, with VC++ I have access to memory by pointers, multithreaded applications with anything other than the apartment threading that VB supports, custom Windows messages, and MUCH MUCH more. Some of these things can be done in VB, but are a

hassle and require esoteric techniques, and sometimes third party
ActiveX controls and/or C DLLs to implement.

Only for Databases and RAD small quantity software do I see an edge
with VB.

Regards,
John

--- In icomr75@y..., "w1193" <w1193@y...> wrote:
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> > Thanks,
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1596. Re: R75 Software I'm working on

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-12 04:56:18 UTC
From: just_rtfm
Topic: 1571 Message: 1596

hi John:

i've been there too. VB is popular now that $600 will buy 1 GHz and 256 MB. i am not fond of VB's need for runtime DLLs. i have spent plenty of nights arguing programming languages... BASIC and C++ holywars etc... 'BASIC is slow, non-portable bloatware'... language or implementation? BASIC was created as a compiled language and is fairly portable. war continues: the C crowd then calls C++ slow OOP 'fad' bloatware. the C++ loyalists call C 'spagetti' and then ask 'what is multiple inheritance?' the assembly crowd then steps in to tell the C people they too are wimps, hypocritical wimps at that. the C crowd fires back 'portability'... meanwhile 80% of those arguing are pushing around win api calls. plenty of us battling can do them all... but hell we like to argue lol.

```
cout << "please point darth in the direction of the war" << endl;
mov [war], darth ; actually this is possible with EQU's
```

i am a compiler junkie: i like BASIC, C, C++, and assembly. since it's a hobby i can 'do what i want'... like use a win32 api BASIC compiler that allows inline assembly or do win32 api assembly. ever do any COM in assembly? oh what fun... :D.

i know a bit about Dr. John Kemeny and this alters my perception of BASIC. he created BASIC six years before C... five years before intel made the first microprocessor: the 4004. he detested Gates and Allen's interpreted version of BASIC. Kemeny was a genius who came to America at age 13, his family escaping the nazis. he went on to become Albert Einstein's math assistant... as he put it (if memory serves me): "Einstein did not need help in physics but contrary to popular belief Einstein did need help in mathematics". Kemeny worked with John von Neumann in the computer center at los alamos... later he taught at Princeton... then became president of Dartmouth where he helped open the school to minorities and women. he envisioned a world where everyone could be a programmer... made BASIC, and the rest is history.

phil :)

1597. RE: [icomr75] Re: R75 Software I'm working on

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-12 10:10:10 UTC
From: antoine
Topic: 1571 Message: 1597

Hello

i m agree with you , c++ is nescesary for specific application very technic
but 90 % of program can be done in VB !

i practice basic since 15 years,apple soft - ti basic - Gw basic -Vbasic.

Vbasic a so faster than c++ from a computer from 5 years ....

by

Antoine

-----Message d'origine-----
De : jgedde [mailto:jgedde@...]
Envoye : dimanche 12 mai 2002 04:36
A : icomr75@yahoogroups.com
Objet : [icomr75] Re: R75 Software I'm working on

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1598. decision - ICOM 718 versus R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-12 18:06:01 UTC
From: david_ballenger
Topic: 1598 Message: 1598

Would like to get the benefit of someone's opinion who has experience with both radios. I have a tech license and would like to get a general license in the next year or so. In the meantime, I would like to get a good general coverage receiver. Are the receiver section and features on the R75 markedly better than those of the 718? If so, with the price of the R75 at about $550 plus the bonus DSP unit, I am tempted to get that in the meantime. If the receiver in the 718 is nearly as good, however, I might as well go ahead with the 718 for the same price (except for having to purchase an external power supply).

Thanks in advance for your opinions.

David Ballenger
KG4BYL

1599. Re: [icomr75] decision - ICOM 718 versus R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-13 02:49:31 UTC
From: KØADL
Topic: 1598 Message: 1599

I have them both. They make a really nice pair for sure. I bought my 718 first, had it for about two years and just bought the R75. I would get a 718 before the R75 because the receiver section is very good in the 718 -- you get a general coverage receiver, but no 50 MHz or above in it like the R75, and no FM either. I bought the R75 so that I could monitor two frequencies at once with two very good receivers. Can I tell much difference between the two receivers? Honestly - NO. The R75 offers more features, and if I am really trying to pull out a very weak signal, or if I want to enjoy listening to the hi-fi SSB guys on 14.178, I will use the R75 every time. More features, S-AM (that works after you do the mod), twin pass-band tuning, etc. in the R75.

If you are going to upgrade to General or higher, and can only afford one rig right now, buy the 718. Later on, get the R75 . . . they look great together in your shack and you will put the R75 to good use for hunting DX. Plus - you can put a simple mono audio cable between the "remote" jacks of both rigs and use them in what Icom calls "Transceive" mode. Moving the dial on one rig changes the freq on the other rig too. Using two rigs like this is VERY nice for when you are working "split" with the 718 and want to hear what is happening on the receive frequency (hearing on the R75) while you are transmitting (on the 718).

Both are nice radios - packed with features for a small price (compared to other rigs), but I would get the 718 first. There's about three times as much hardware in the 718 (of course) for about the same cost, so dollar for dollar the 718 is the better buy (or at least pound for pound) -- and you can get on 10 meters with the Tech + code certificate right? Pass an easy 5 WPM code test, put up a dipole cut for 28.4 Mc and USE the transmitter section of the 718!

KØADL

----- Original Message -----
From: david_ballenger
To: icomr75@yahoogroups.com
Sent: Sunday, May 12, 2002 12:06 PM
Subject: [icomr75] decision - ICOM 718 versus R75

Would like to get the benefit of someone's opinion who has
experience with both radios. I have a tech license and would like
to get a general license in the next year or so. In the meantime, I
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receiver section and features on the R75 markedly better than those
of the 718? If so, with the price of the R75 at about $550 plus the
bonus DSP unit, I am tempted to get that in the meantime. If the
receiver in the 718 is nearly as good, however, I might as well go
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an external power supply).

Thanks in advance for your opinions.

David Ballenger
KG4BYL

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[Non-text portions of this message have been removed]

1600. Oh Happy Days!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-13 02:57:53 UTC
From: jim_hack
Topic: 1600 Message: 1600

Well, today I performed surgery on my R75.
I did all 3 of Rado's mods for the sync, agc, pll speed.
I am VERY happy to report that the "victim" pulled through.
It cost me $4.32 and about a half-hour of my time.
I am NOT very electronic saavy, although MANY decades ago in high-school, I built a few projects. Transistors were THE rage back then ;)
If a guy like me, who can't see anything closer than arms length can do this mod, ANYONE can.
Oh yea, it made a world of difference!
Especially the AGC mod. I didn't see the Synch mod as a neccesity, what with the ECSS method at my disposal. I have been using it and it actually does something now!
Time to turn off all my RFI inducing items and listen to the world...

1601. New IC-R75 owner joining the list

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-13 21:36:51 UTC
From: ondatropical
Topic: 1601 Message: 1601

Greetings from a new R75 owner. I have recently returned to the DX hobby after a lengthy absence and after due consideration decided on the R75. I am really impressed with this receiver and it defintely holds its own with my last DX rig, the venerable NRD-535D.

My main interests are MW/Tropical Band DX and the capability of the R75 to allow precise 1 Hz frequency measurements along with the ability to view and monitor weak carrier signals down in the mud with a software spectrum analyzer is a wonderful tool for the DX'er.

With my setup I am using the R75 in conjunction with Spectrogram v6.6 audio spectrum analyzer software and a 10-band graphic equalizer for precise frequency measurements and in less than one evenings practice I am able to accurately determine carrier frequency to to the nearest Hz. After calibrating the receiver with WWV with the help of Spectrogram, I verified the accuracy against the transmissions on each of WWV's frequencies and in each case it is perfect. Fortunately I purchased the R75 with the High Stability Osc. and after a very small warm-up period it is rock solid.

Thanks to the folks who made this list possible and best DX to all list members.

73.

Brandon Jordan
Memphis, TN

1602. Re: New IC-R75 owner joining the list

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-13 23:57:21 UTC
From: just_rtfm
Topic: 1601 Message: 1602

hi Brandon:

welcome aboard! i just wrote a pdf that you may find useful in the files (information) section called PhilCook. it contains a lot of tricks for using the receiver. enjoy your R75!

regards,
phil :)

1603. Re: IF On - Off

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-14 13:08:14 UTC
From: njlar
Topic: 1568 Message: 1603

You don't really turn it off. You just bypass all the crystal filters for that IF, leaving you with a 15kHz bandpass. The only reason you would do this is because you don't have a wide enough filter to accomodate the width of the other filter. Generally speaking, you want to choose the narrowest for both filters that give you the bandwidth you want, the resulting bandwidth being the minimum of the two. This gives you the best selectivity and lowest noise.

--- In icomr75@y..., "sarmento2k" <sarmento.campos@t...> wrote:
> Hi People
>
> Could someone explain me why we can turn off the IF 9M or 455k ?
>
> I mean, what are the benefits of working just one IF instead of
both ?
>
> Using just one IF we could manage better the filter setup ?
>
> In this case we would have less sensivity or selectivity ?
>
> Thanks for your attention, I´m a beginner !
>
> Regards
>
> Sarmento Campos
> Rio de Janeiro - Brazil

1604. tk75 v0.2 now available, open source IC-R75 software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-14 14:17:24 UTC
From: Bob Parnass, AJ9S
Topic: 1604 Message: 1604

tk75 version 0.2 is now available for free download.

tk75 is open source, multiplatform software for controlling
and cloning the ICOM IC-R75 tabletop receiver.

Changes include:
Limit Search and Auto Memory Write Search
Control of virtually every IC-R75 Set Mode setting, including
timers, RTTY settings, RF/Squelch knob, dimmer, etc.
Sync the radio's clock to the PC in local time or GMT
Comprehensive, easy to understand filter configuration
Improved CW pitch control.

I use the free and more stable Linux operating system
instead of Windows. But, I wrote tk75 in Tcl/Tk so it runs on
either operating system.

It will probably run on Windows ME, Windows 2000,
Windows XP, MacOS X, Solaris, FreeBSD, and other environments,
but I've only tested it on Linux and Windows 98.

You can read about and download a beta test version of tk75
from my home page:

http://members.core.com/~parnass

I don't warrant the software, but it won't cost you anything.

Thanks to Bob Grove for the loan of an ICOM IC-R75 receiver
so I could design and test tk75.

--
==========
Bob Parnass, AJ9S parnass@... http://members.core.com/~parnass
Linux user

1605. IC-R75 - Mac OS X

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-14 20:21:19 UTC
From: rudermanjp
Topic: 1605 Message: 1605

Are there any Mac OS 9 or X R75 applications available?

There are several RTTY decoders available for Mac OS X but no control applications for Icom receivers.

Using the Fineware software works great under VirtualPC with Windows XP on a Cube G4 running Mac OS 10.1.4.

-JP

1606. Re: [icomr75] IC-R75 - Mac OS X

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-14 21:28:16 UTC
From: Bob Parnass, AJ9S
Topic: 1605 Message: 1606

I think the tk75 (IC-R75) and tk8500 (IC-R8500) programs
would work on MacOS X but I don't have a Mac and
cannot find anyone to try them on MacOS X.

All 5 of my tk radio programs use the same technology.
An NRD-545 owner who is also a Mac fan got
tk545 (NRD-545) working on his MacOS X laptop, so I
think it's possible to get all the tk programs working
on MacOS X.

He helped write this web page which discusses how
to get tk545 working on MacOS X:

http://members.core.com/~parnass/tk545/dl4osx.html

I think you could apply the same technique he used
on tk545. Please let me know what happens.

Thanks.

On Tuesday 14 May 2002 03:21 pm, rudermanjp wrote:
> Are there any Mac OS 9 or X R75 applications available?
>
> There are several RTTY decoders available for Mac OS X but no
> control applications for Icom receivers.
>
> Using the Fineware software works great under VirtualPC with
> Windows XP on a Cube G4 running Mac OS 10.1.4.
>
> -JP

--
==
Bob Parnass, AJ9S parnass@... http://members.core.com/~parnass
Linux user

1607. Re: [icomr75] IC-R75 - Mac OS X

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-15 01:52:40 UTC
From: Scott Robson
Topic: 1605 Message: 1607

I can confirm that tk75 will start up but I can not get past the screen where it is looking for a serial port. This may be because a) This old iMac does not hjave a serial port and/or b) I have no r74 attached to this computer. Otherwise it run s up fine.

You will need to get fink to install the latest tktcl package as well.

Scott

P.S. This looks like great software. I will try it at home with openBSD as well :)

On Tuesday, May 14, 2002, at 05:28 PM, Bob Parnass, AJ9S wrote:

> I think the tk75 (IC-R75) and tk8500 (IC-R8500) programs
> would work on MacOS X but I don't have a Mac and
> cannot find anyone to try them on MacOS X.
>
> All 5 of my tk radio programs use the same technology.
> An NRD-545 owner who is also a Mac fan got
> tk545 (NRD-545) working on his MacOS X laptop, so I
> think it's possible to get all the tk programs working
> on MacOS X.
>
> He helped write this web page which discusses how
> to get tk545 working on MacOS X:
>
> http://members.core.com/~parnass/tk545/dl4osx.html
>
> I think you could apply the same technique he used
> on tk545. Please let me know what happens.
>
> Thanks.
>
> On Tuesday 14 May 2002 03:21 pm, rudermanjp wrote:
>> Are there any Mac OS 9 or X R75 applications available?
>>
>> There are several RTTY decoders available for Mac OS X but no
>> control applications for Icom receivers.
>>
>> Using the Fineware software works great under VirtualPC with
>> Windows XP on a Cube G4 running Mac OS 10.1.4.
>>
>> -JP
>
> --

> ==
> Bob Parnass, AJ9S parnass@...
> http://members.core.com/~parnass
> Linux user
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
>

1608. Re: [icomr75] IC-R75 - Mac OS X

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-15 03:02:50 UTC
From: Bob Parnass, AJ9S
Topic: 1605 Message: 1608

Scott,

Thanks for the info! From your description,
tk75 is behaving exactly as it should
when no radio is connected to your serial port.

Please let me know what happens on openBSD. It should work
well there if Tcl/Tk is installed.

On Tuesday 14 May 2002 08:52 pm, you wrote:
> I can confirm that tk75 will start up but I can not get past the screen
> where it is looking for a serial port. This may be because a) This old
> iMac does not hjave a serial port and/or b) I have no r74 attached to
> this computer. Otherwise it run s up fine.
>
> You will need to get fink to install the latest tktcl package as well.
>
> Scott
>
> P.S. This looks like great software. I will try it at home with openBSD
> as well :)

--
==========
Bob Parnass, AJ9S parnass@... http://members.core.com/~parnass
Linux user

1609. tk75 - openBSD success

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-15 16:08:25 UTC
From: Scott Robson
Topic: 1605 Message: 1609

Hi All.

Testing on openBSD went well. If this works on openBSD it will work anywhere :) It works just fine apart from a small problem with permissions in accessing the serial port. Only root could do it. There is a work around for this and I will hunt it down sometime and let Bob know the details so it can be included in the README file or some kinda README.obscure_unix file.

I do have one complaint though. When I first ran the software it completely reset the radio to a bunch of defaults. It didn't change anything I couldn't set back but it was a little annoying to have to reset my timer to on etc (it switched it off and I panicked when I powered down the unit and the clock disappeared!). Is it possible to get the software to probe the radio for the radio settings and then construct the .tk75rc from that when it can not otherwise find a .tk75rc file?

Otherwise great software! I don't speak tk/tcl but I might have to learn so I can write some additions to this program.

Scott

On Tuesday, May 14, 2002, at 11:02 PM, Bob Parnass, AJ9S wrote:

> Scott,
>
> Thanks for the info! From your description,
> tk75 is behaving exactly as it should
> when no radio is connected to your serial port.
>
> Please let me know what happens on openBSD. It should work
> well there if Tcl/Tk is installed.
>
> On Tuesday 14 May 2002 08:52 pm, you wrote:
>> I can confirm that tk75 will start up but I can not get past the screen
>> where it is looking for a serial port. This may be because a) This old
>> iMac does not hjave a serial port and/or b) I have no r74 attached to
>> this computer. Otherwise it run s up fine.
>>
>> You will need to get fink to install the latest tktcl package as well.
>>
>> Scott
>>
>> P.S. This looks like great software. I will try it at home with openBSD
>> as well :)

>
>
> --
> ==
> Bob Parnass, AJ9S parnass@...
> http://members.core.com/~parnass
> Linux user
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
>

1610. Re: [icomr75] tk75 - openBSD success

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-15 16:47:38 UTC
From: Bob Parnass, AJ9S
Topic: 1605 Message: 1610

Scott,

Thanks for testing tk75 using the openBSD operating
system and I appreciate your suggestions. tk75
reads some, but not all settings from the radio.
It's just a matter of adding the code to read all
the settings, and that will take some time.

I had to do a chmod 666 on /dev/ttyS1 serial device
port to grant user write permissions. Guess you
did something similar on openBSD.

I will add a note to the download web page.
Thanks again.

On Wednesday 15 May 2002 11:08 am, you wrote:
> Hi All.
>
> Testing on openBSD went well. If this works on openBSD it will work
> anywhere :) It works just fine apart from a small problem with
> permissions in accessing the serial port. ...<snip>

--
==
Bob Parnass, AJ9S parnass@... http://members.core.com/~parnass
Linux user

1611. New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-16 01:27:22 UTC
From: icomr75@yahoogroups.com
Topic: 242 Message: 1611

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the icomr75
group.

File : /Photos/r75exec.jpg
Uploaded by : jgedde <jgedde@...>
Description : Latest R75 Executive Screen shot

You can access this file at the URL

http://groups.yahoo.com/group/icomr75/files/Photos/r75exec.jpg

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

jgedde <jgedde@...>

1612. Latest R75 Executive screen shot uploaded.

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-16 01:28:48 UTC
From: jgedde
Topic: 1612 Message: 1612

Hi all,

I uploaded a new screen shot of the R75 Executive software I'm writing. I am a week or so away from an ALPHA release...

Regards,
John Gedde

1613. Which PBT is which?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-16 01:30:08 UTC
From: jgedde
Topic: 1613 Message: 1613

I'd like to label the R75 Executive software PBT controls with something more meaningful than inner and outer PBT. Which control is the 9MHz control?

Regards,
john Gedde

1614. Cheap-o Mods?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-16 01:36:11 UTC
From: AE266bill@cs.com
Topic: 1614 Message: 1614

Hi all!
I have been an owner of the r-75 for over a year. I haven't done
a lot of mods, except for the DSP unit. I would like to get some advice for,
or on finding, cheap or no-cost, non-expert type of mods. I primarily use it
for AM SW listening, so stuff like S-AM mods, etc would be useful. Also, any
non-mod type adjustments would also be greatly appreciated.
Thanks in advance!
Bill Bean
N.E. USA

[Non-text portions of this message have been removed]

1615. Re: Cheap-o Mods?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-16 02:57:17 UTC
From: uncle_ziba
Topic: 1614 Message: 1615

Bill, have you browsed the files section of this message board?
There are good documents there, such as S-AM 2.1 mod (parts cost less
than $10) and Phil's excellent R75 cookbook.

--- In icomr75@y..., AE266bill@c... wrote:
> Hi all!
> I have been an owner of the r-75 for over a year. I
haven't done
> a lot of mods, except for the DSP unit. I would like to get some
advice for,
> or on finding, cheap or no-cost, non-expert type of mods. I
primarily use it
> for AM SW listening, so stuff like S-AM mods, etc would be useful.
Also, any
> non-mod type adjustments would also be greatly appreciated.
> Thanks in advance!
> Bill Bean
> N.E. USA
>
>
> [Non-text portions of this message have been removed]

1616. Re: Which PBT is which?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-16 03:32:00 UTC
From: just_rtfm
Topic: 1613 Message: 1616

hi John:

AFAIK the inner is the 455 kHz, the outer is the 9 MHz.

phil :)

1617. Re: [icomr75] Which PBT is which?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-16 07:26:24 UTC
From: Gert Nilsson
Topic: 1613 Message: 1617

The inner is 9MHz, the outer is 455 kHz.
----- Original Message -----
From: jgedde
To: icomr75@yahoogroups.com
Sent: Thursday, May 16, 2002 2:30 AM
Subject: [icomr75] Which PBT is which?

I'd like to label the R75 Executive software PBT controls with
something more meaningful than inner and outer PBT. Which control is
the 9MHz control?

Regards,
john Gedde

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[Non-text portions of this message have been removed]

1618. Re: [icomr75] Re: Which PBT is which?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-16 07:27:52 UTC
From: Gert Nilsson
Topic: 1613 Message: 1618

Sorry, quite the opposite! This is also wrong in your cookbook Phil!
----- Original Message -----
From: just_rtfm
To: icomr75@yahoogroups.com
Sent: Thursday, May 16, 2002 4:32 AM
Subject: [icomr75] Re: Which PBT is which?

hi John:

AFAIK the inner is the 455 kHz, the outer is the 9 MHz.

phil :)

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[Non-text portions of this message have been removed]

1619. Re: Which PBT is which?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-16 12:38:41 UTC
From: njlar
Topic: 1613 Message: 1619

The manual actually doesn't say, believe it or not. However, setting one filter to narrow and the other to wide and determining which knob is effective will confirm that the inner is 455.

--- In icomr75@y..., "Gert Nilsson" <gert.nilsson@m...> wrote:
> Sorry, quite the opposite! This is also wrong in your cookbook Phil!
> ----- Original Message -----
> From: just_rtfm
> To: icomr75@y...
> Sent: Thursday, May 16, 2002 4:32 AM
> Subject: [icomr75] Re: Which PBT is which?
>
>
>
> hi John:
>
> AFAIK the inner is the 455 kHz, the outer is the 9 MHz.
>
> phil :)
>
>
>
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>
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@e...
>
>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
>
> [Non-text portions of this message have been removed]

1620. Re: [icomr75] Re: Which PBT is which?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-16 13:51:20 UTC
From: Bob Parnass, AJ9S
Topic: 1613 Message: 1620

The Front Panel description on page 2 of my IC-R75 instruction manual
says the inner knob is 455 kHz and the outer knob
is the 9 MHz IF PBT.

Maybe there's more than one version manual.
The rear cover of my manual shows copyright 1999,
and an identifier of A-5580H-1EX-2.

On Thursday 16 May 2002 07:38 am, you wrote:
> The manual actually doesn't say, believe it or not. However, setting
> one filter to narrow and the other to wide and determining which knob
> is effective will confirm that the inner is 455.
--
==
Bob Parnass, AJ9S parnass@... http://members.core.com/~parnass
Linux user

1621. Re: [icomr75] Re: Which PBT is which?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-16 16:16:12 UTC
From: Gert Nilsson
Topic: 1613 Message: 1621

My mistake! Sorry Phil and you ather guys!
----- Original Message -----
From: njlar
To: icomr75@yahoogroups.com
Sent: Thursday, May 16, 2002 1:38 PM
Subject: [icomr75] Re: Which PBT is which?

The manual actually doesn't say, believe it or not. However, setting
one filter to narrow and the other to wide and determining which knob
is effective will confirm that the inner is 455.

--- In icomr75@y..., "Gert Nilsson" <gert.nilsson@m...> wrote:
> Sorry, quite the opposite! This is also wrong in your cookbook Phil!
> ----- Original Message -----
> From: just_rtfm
> To: icomr75@y...
> Sent: Thursday, May 16, 2002 4:32 AM
> Subject: [icomr75] Re: Which PBT is which?
>
>
>
> hi John:
>
> AFAIK the inner is the 455 kHz, the outer is the 9 MHz.
>
> phil :)
>
>
>
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>
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@e...
>
>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
>
>
>

> [Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

1622. Does IC-R75 include a schematic diagram?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-16 18:11:58 UTC
From: Bob Parnass, AJ9S
Topic: 1622 Message: 1622

When you buy a new IC-R75, is a schematic diagram
included, as it is with other ICOM receivers?
--
==
Bob Parnass, AJ9S parnass@... http://members.core.com/~parnass
Linux user

1623. Re: Does IC-R75 include a schematic diagram?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-16 18:22:03 UTC
From: gricer37
Topic: 1622 Message: 1623

Nothing in my uk supplied radio documents,only a list of ci-v
commands.

--- In icomr75@y..., "Bob Parnass, AJ9S" <parnass@m...> wrote:
> When you buy a new IC-R75, is a schematic diagram
> included, as it is with other ICOM receivers?
> --
>
==========
===
> Bob Parnass, AJ9S parnass@m... http://members.core.com/~parnass
> Linux user

1624. Re: Does IC-R75 include a schematic diagram?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-16 19:18:00 UTC
From: rsakabu
Topic: 1622 Message: 1624

```
--- In icomr75@y..., name hidden to prevent embarassment wrote:
> When you buy a new IC-R75, is a schematic diagram
> included, as it is with other ICOM receivers?
> --
>
========================================================================
===
> name hidden to prevent embarassment
> Linux user

You guys obviously didn't check out the files section of this Yahoo
group now did you?

Shame Shame ;P

In there are a full set of schematics:
http://groups.yahoo.com/group/icomr75/files/Information/

go to the bottom and find the schematics.pdf file.

Have fun with them
Roy
```

1625. Re: [icomr75] Re: Does IC-R75 include a schematic diagram?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-16 19:41:36 UTC
From: Bob Parnass, AJ9S
Topic: 1622 Message: 1625

Roy,

Thanks for the pointer to the schematics in the Files
section. That's a wonderful resource!

However, I wanted to know if Icom includes a paper
copy of the schematic with the IC-R75.

Thanks.

On Thursday 16 May 2002 02:18 pm, you wrote:
> --- In icomr75@y..., name hidden to prevent embarassment wrote:
> > When you buy a new IC-R75, is a schematic diagram
> > included, as it is with other ICOM receivers?
> > --
> >
> ==========
> ===
> > name hidden to prevent embarassment
> > Linux user
>
> You guys obviously didn't check out the files section of this Yahoo
> group now did you?
>
> Shame Shame ;P
>
> In there are a full set of schematics:
> http://groups.yahoo.com/group/icomr75/files/Information/
>
> go to the bottom and find the schematics.pdf file.
>
> Have fun with them
> Roy

--
==========
Bob Parnass, AJ9S parnass@... http://members.core.com/~parnass
Linux user

1626. Re: Which PBT is which?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-17 02:29:01 UTC
From: just_rtfm
Topic: 1613 Message: 1626

> My mistake! Sorry Phil and you ather guys!

no apology necessary here Gert. you have been a big help to me during these first five months of using the R75. i have read nearly all your posts archived on this board... some damn good information!

regards,
phil :)

1627. Re: Does IC-R75 include a schematic diagram?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-17 07:19:12 UTC
From: Eddie Bryant
Topic: 1622 Message: 1627

> From: "Bob Parnass, AJ9S" <parnass@...>
> Subject: Does IC-R75 include a schematic diagram?
>
> When you buy a new IC-R75, is a schematic diagram
> included, as it is with other ICOM receivers?
>
> Bob Parnass, AJ9S

No schematic with my R75. However, my ICOM R8500
did come with one.

There seems to be no rhyme or reason to Icom providing
schematics. My R2, R10, R75, Q7A, W32A, 2800H ,
706MKIIG had no schematics included with the original
manual. My ICOM IC-746 did. Not too sure who's idea
it was to do away with the complimentary schematics but
they are indeed missed. I think with the new front panel
service menus that a Service Manual may now also be a
necessity for troubleshooting and alignment.

They may still offer basic schematics for free but I doubt it.
Icom was generous to my request in the past and copied
several pages of the schematics for the Original IC-706
many years ago.

By the way there are two things that work better on paper
for me and that is .....Road Maps and Schematics! Those
schematic .PDF files are slow to load on my computer and
when printed on my HP printer do not show enough detail.
I am sure with the proper large scale printer ($$$) they
would turn out fine. Better that nothing I suppose....

Also a THANK YOU! to (Dr.)Phil for that wonderful R75
Cookbook hidden away in the Files area. I just discovered
it tonight and am looking forward to using it.

Ed
N4UMJ

1628. Re: [icomr75] Re: Which PBT is which?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-17 12:43:20 UTC
From: E de Jong
Topic: 1613 Message: 1628

Strangely enough my manual says the folowing on page 2:

5. Passband tuning controls (Twin PBT)
Adjust the receiver's "passband width" of the 455 kHz and 9 kHz IF filters for the inner and outer controls, respectively.

I assume it's a typo from Icom...:)
Manual: (C)1999 A-5580H-1EX-(3)

Ed de Jong
Balk. The Netherlands
URL: http://beam.to/galact
E-mail: ed@... <mailto:ed@...> (default)
_____
{The night hides a world but unveils a universe}

----- Original Message -----
From: Bob Parnass, AJ9S
To: icomr75@yahoogroups.com
Sent: Thursday, May 16, 2002 3:51 PM
Subject: Re: [icomr75] Re: Which PBT is which?

The Front Panel description on page 2 of my IC-R75 instruction manual
says the inner knob is 455 kHz and the outer knob
is the 9 MHz IF PBT.

Maybe there's more than one version manual.
The rear cover of my manual shows copyright 1999,
and an identifier of A-5580H-1EX-2.

On Thursday 16 May 2002 07:38 am, you wrote:
> The manual actually doesn't say, believe it or not. However, setting
> one filter to narrow and the other to wide and determining which knob
> is effective will confirm that the inner is 455.
--
==========
Bob Parnass, AJ9S parnass@... http://members.core.com/~parnass
Linux user

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icomr75-unsubscribe@egroups.com

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[Non-text portions of this message have been removed]

1629. Re: Which PBT is which?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-17 23:15:43 UTC
From: jim_hack
Topic: 1613 Message: 1629

Damn, I have the same mis-information in mine, too! ;)

--- In icomr75@y..., "E de Jong" <ed@j...> wrote:
> Strangely enough my manual says the folowing on page 2:
>
> 5. Passband tuning controls (Twin PBT)
> Adjust the receiver's "passband width" of the 455 kHz and 9 kHz IF
filters for the inner and outer controls, respectively.
>
> I assume it's a typo from Icom...:)
> Manual: (C)1999 A-5580H-1EX-(3)
>
> Ed de Jong
> Balk. The Netherlands
> URL: http://beam.to/galact
> E-mail: ed@j... <mailto:ed@j...> (default)
> _____
> {The night hides a world but unveils a universe}
>
> ----- Original Message -----
> From: Bob Parnass, AJ9S
> To: icomr75@y...
> Sent: Thursday, May 16, 2002 3:51 PM
> Subject: Re: [icomr75] Re: Which PBT is which?
>
>
> The Front Panel description on page 2 of my IC-R75 instruction
manual
> says the inner knob is 455 kHz and the outer knob
> is the 9 MHz IF PBT.
>
> Maybe there's more than one version manual.
> The rear cover of my manual shows copyright 1999,
> and an identifier of A-5580H-1EX-2.
>
>
> On Thursday 16 May 2002 07:38 am, you wrote:
> > The manual actually doesn't say, believe it or not. However,
setting
> > one filter to narrow and the other to wide and determining
which knob
> > is effective will confirm that the inner is 455.
> --
>
==

===
> Bob Parnass, AJ9S parnass@m... http://members.core.com/~parnass
> Linux user
>
> Yahoo! Groups Sponsor
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>
>
> [Non-text portions of this message have been removed]

1630. New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-19 14:50:58 UTC
From: icomr75@yahoogroups.com
Topic: 242 Message: 1630

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the icomr75
group.

File : /Photos/b&wR75.JPG
Uploaded by : lew47oz <lirka@...>
Description :

You can access this file at the URL

http://groups.yahoo.com/group/icomr75/files/Photos/b%26wR75.JPG

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

lew47oz <lirka@...>

1631. New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-19 14:53:20 UTC
From: icomr75@yahoogroups.com
Topic: 242 Message: 1631

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the icomr75
group.

File : /Photos/r75 on dxpedition/b&wR75.JPG
Uploaded by : lew47oz <lirka@...>
Description : r75 B&W Photo

You can access this file at the URL

http://groups.yahoo.com/group/icomr75/files/Photos/r75%20on%20dxpedition/b%26wR75.JPG

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

lew47oz <lirka@...>

1632. New Member

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-20 16:36:55 UTC
From: goldwing1100cc@webtv.net
Topic: 1632 Message: 1632

[Body unavailable in the source archive]

1633. Re: Which PBT is which?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-20 17:24:04 UTC
From: njlar
Topic: 1613 Message: 1633

I was looking at the page describing the PBT control in detail, which
describes it's operation correctly, but doesn't say which is which.
And Page 2 says which is which, but doesn't describe it correctly.
Good thing we have this forum.

--- In icomr75@y..., "E de Jong" <ed@j...> wrote:
> Strangely enough my manual says the folowing on page 2:
>
> 5. Passband tuning controls (Twin PBT)
> Adjust the receiver's "passband width" of the 455 kHz and 9 kHz IF
filters for the inner and outer controls, respectively.
>
> I assume it's a typo from Icom...:)
> Manual: (C)1999 A-5580H-1EX-(3)
>
> Ed de Jong
> Balk. The Netherlands
> URL: http://beam.to/galact
> E-mail: ed@j... <mailto:ed@j...> (default)
> _____
> {The night hides a world but unveils a universe}
>
> ----- Original Message -----
> From: Bob Parnass, AJ9S
> To: icomr75@y...
> Sent: Thursday, May 16, 2002 3:51 PM
> Subject: Re: [icomr75] Re: Which PBT is which?
>
>
> The Front Panel description on page 2 of my IC-R75 instruction
manual
> says the inner knob is 455 kHz and the outer knob
> is the 9 MHz IF PBT.
>
> Maybe there's more than one version manual.
> The rear cover of my manual shows copyright 1999,
> and an identifier of A-5580H-1EX-2.
>
>
> On Thursday 16 May 2002 07:38 am, you wrote:
> > The manual actually doesn't say, believe it or not. However,
setting
> > one filter to narrow and the other to wide and determining
which knob
> > is effective will confirm that the inner is 455.

> --
>
==========
===
> Bob Parnass, AJ9S parnass@m... http://members.core.com/~parnass
> Linux user
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>
> [Non-text portions of this message have been removed]

1634. More R75 Screen shots uploaded

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-21 01:10:22 UTC
From: jgedde
Topic: 1634 Message: 1634

I've uploaded more screen shots of my R75 Executive program. An ALPHA release is coming up. Things are coming along well.

I've kept a list of those who have emailed me requesting a BETA release.

Any comments are welcomed.

Cheers,
John Gedde

1635. New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-21 01:11:10 UTC
From: icomr75@yahoogroups.com
Topic: 242 Message: 1635

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the icomr75
group.

File : /Photos/r75exec_settings.jpg
Uploaded by : jgedde <jgedde@...>
Description : R75 Executive settings dialog

You can access this file at the URL

http://groups.yahoo.com/group/icomr75/files/Photos/r75exec_settings.jpg

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

jgedde <jgedde@...>

1636. New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-21 01:11:33 UTC
From: icomr75@yahoogroups.com
Topic: 242 Message: 1636

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the icomr75
group.

File : /Photos/r75exec_toolsmenu.jpg
Uploaded by : jgedde <jgedde@...>
Description : R75 executive tools menu

You can access this file at the URL

http://groups.yahoo.com/group/icomr75/files/Photos/r75exec_toolsmenu.jpg

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

jgedde <jgedde@...>

1637. New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-21 01:12:05 UTC
From: icomr75@yahoogroups.com
Topic: 242 Message: 1637

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the icomr75
group.

File : /Photos/r75exec_spectrum_logscale.jpg
Uploaded by : jgedde <jgedde@...>
Description : R75 Executive Spectrum Analyzer (log scale)

You can access this file at the URL

http://groups.yahoo.com/group/icomr75/files/Photos/r75exec_spectrum_logscale.jpg

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

jgedde <jgedde@...>

1638. New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-21 01:12:47 UTC
From: icomr75@yahoogroups.com
Topic: 242 Message: 1638

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the icomr75
group.

File : /Photos/r75exec_spectrum.jpg
Uploaded by : jgedde <jgedde@...>
Description : R75 Executive Spectrum Analyzer (linear scale)

You can access this file at the URL

http://groups.yahoo.com/group/icomr75/files/Photos/r75exec_spectrum.jpg

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

jgedde <jgedde@...>

1639. Re: More R75 Screen shots uploaded

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-21 03:16:39 UTC
From: just_rtfm
Topic: 1634 Message: 1639

hi John:

that program is looking GREAT! keep up the good work.

phil :)

1640. R75 Dead!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-21 03:25:35 UTC
From: Art Burke
Topic: 242 Message: 1640

I came back from a 4 day trip, hooked up my R75 and nothing.
No screen, no audio, no nothing. I pulled off the top cover and checked the fuse, it's fine.
I notice that once in a while, unplugging and plugging the power cable, I see random LCD activity
come on the screen...

Anyone have any of these symptoms? I checked the DC voltage out of the adapter. Approx 19.7 volts.

Did it just die? It's only 2 months old.

Thanks for the help.
Also, if anyone can offer advice on what to do at this point, it certainly would be appreciated.

Thanks much,

Art

[Non-text portions of this message have been removed]

1641. Re: [icomr75] R75 Dead!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-21 06:14:16 UTC
From: Radostin Danev
Topic: 242 Message: 1641

Hi Art,

I had the same symptoms with mine once. Do not panic! I think the CPU goes crazy.
Open the set, remove the button lithium battery (clock backup), connect the power cable and turn it on. It should turn on fine. Then turn it off, reinstall the battery and check again.

Hope this helps.

Regards,

Rado

----- Original Message -----
From: "Art Burke" <pianomanab@...>
To: <icomr75@yahoogroups.com>
Sent: Tuesday, May 21, 2002 12:25 PM
Subject: [icomr75] R75 Dead!

> I came back from a 4 day trip, hooked up my R75 and nothing.
> No screen, no audio, no nothing. I pulled off the top cover and checked the
> fuse, it's fine.
> I notice that once in a while, unplugging and plugging the power cable, I
> see random LCD activity
> come on the screen...
>
> Anyone have any of these symptoms? I checked the DC voltage out of the
> adapter. Approx 19.7 volts.
>
> Did it just die? It's only 2 months old.
>
> Thanks for the help.
> Also, if anyone can offer advice on what to do at this point, it certainly
> would be appreciated.
>
> Thanks much,
>
> Art
>
>
> [Non-text portions of this message have been removed]
>
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>

1642. Re: [icomr75] R75 Dead!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-21 06:28:25 UTC
From: Radostin Danev
Topic: 242 Message: 1642

One more thing - did you try the reset procedure from the manual (while pushing "UP" and "DOWN" buttons push the POWER button)? I tried this when my radio went crazy and it did not work.
Also, while removeing the button battery take care not to short it. Do not use metal forceps! Also be carefull not to touch it with bare fingers. Fingerprints on such batteries can generate higher discharge current than the internal leak current. If you have some gloves and plastic pincers use them.

Regards,

Rado

----- Original Message -----
From: "Art Burke" <pianomanab@...>
To: <icomr75@yahoogroups.com>
Sent: Tuesday, May 21, 2002 12:25 PM
Subject: [icomr75] R75 Dead!

> I came back from a 4 day trip, hooked up my R75 and nothing.
> No screen, no audio, no nothing. I pulled off the top cover and checked the
> fuse, it's fine.
> I notice that once in a while, unplugging and plugging the power cable, I
> see random LCD activity
> come on the screen...
>
> Anyone have any of these symptoms? I checked the DC voltage out of the
> adapter. Approx 19.7 volts.
>
> Did it just die? It's only 2 months old.
>
> Thanks for the help.
> Also, if anyone can offer advice on what to do at this point, it certainly
> would be appreciated.
>
> Thanks much,
>
> Art
>
>
> [Non-text portions of this message have been removed]
>
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>
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1643. RE: [icomr75] R75 Dead!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-21 13:03:32 UTC
From: Art Burke
Topic: 242 Message: 1643

Resetting doesn't do any good Rado. Looks like it's going back.
Can anyone give me the procedure of sending back a warranty radio to Icom?

Thanks,

Art
-----Original Message-----
From: Radostin Danev [mailto:rado@...]
Sent: Tuesday, May 21, 2002 2:28 AM
To: icomr75@yahoogroups.com
Subject: Re: [icomr75] R75 Dead!

One more thing - did you try the reset procedure from the manual (while
pushing "UP" and "DOWN" buttons push the POWER button)? I tried this when
my
radio went crazy and it did not work.
Also, while removeing the button battery take care not to short it. Do not
use metal forceps! Also be carefull not to touch it with bare fingers.
Fingerprints on such batteries can generate higher discharge current than
the internal leak current. If you have some gloves and plastic pincers use
them.

Regards,

Rado

----- Original Message -----
From: "Art Burke" <pianomanab@...>
To: <icomr75@yahoogroups.com>
Sent: Tuesday, May 21, 2002 12:25 PM
Subject: [icomr75] R75 Dead!

> I came back from a 4 day trip, hooked up my R75 and nothing.
> No screen, no audio, no nothing. I pulled off the top cover and checked
the
> fuse, it's fine.
> I notice that once in a while, unplugging and plugging the power cable,
I
> see random LCD activity
> come on the screen...
>
> Anyone have any of these symptoms? I checked the DC voltage out of the
> adapter. Approx 19.7 volts.
>
> Did it just die? It's only 2 months old.
>
> Thanks for the help.

> Also, if anyone can offer advice on what to do at this point, it
certainly
> would be appreciated.
>
> Thanks much,
>
> Art
>
>
> [Non-text portions of this message have been removed]
>
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[Non-text portions of this message have been removed]

1644. RE: [icomr75] R75 Dead!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-21 13:16:48 UTC
From: Art Burke
Topic: 242 Message: 1644

Thanks for the help, but I tried it and did not work...
Oh well, back to Icom.

Thanks again,

Art
-----Original Message-----
From: Radostin Danev [mailto:rado@...]
Sent: Tuesday, May 21, 2002 2:14 AM
To: icomr75@yahoogroups.com
Subject: Re: [icomr75] R75 Dead!

Hi Art,

I had the same symptoms with mine once. Do not panic! I think the CPU goes
crazy.
Open the set, remove the button lithium battery (clock backup), connect
the
power cable and turn it on. It should turn on fine. Then turn it off,
reinstall the battery and check again.

Hope this helps.

Regards,

Rado

----- Original Message -----
From: "Art Burke" <pianomanab@...>
To: <icomr75@yahoogroups.com>
Sent: Tuesday, May 21, 2002 12:25 PM
Subject: [icomr75] R75 Dead!

> I came back from a 4 day trip, hooked up my R75 and nothing.
> No screen, no audio, no nothing. I pulled off the top cover and checked
the
> fuse, it's fine.
> I notice that once in a while, unplugging and plugging the power cable,
I
> see random LCD activity
> come on the screen...
>
> Anyone have any of these symptoms? I checked the DC voltage out of the
> adapter. Approx 19.7 volts.
>
> Did it just die? It's only 2 months old.
>

> Thanks for the help.
> Also, if anyone can offer advice on what to do at this point, it
certainly
> would be appreciated.
>
> Thanks much,
>
> Art
>
>
> [Non-text portions of this message have been removed]
>
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>
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[Non-text portions of this message have been removed]

1645. Re: R75 Dead!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-22 12:22:55 UTC
From: njlar
Topic: 242 Message: 1645

Look for the small pinkish/orangish warranty card that should have
been in the box. Assuming you're in the US you will have to ship it to
Bellevue, WA.

--- In icomr75@y..., "Art Burke" <pianomanab@s...> wrote:
> Resetting doesn't do any good Rado. Looks like it's going back.
> Can anyone give me the procedure of sending back a warranty radio to
Icom?
>
> Thanks,
>
> Art
> -----Original Message-----
> From: Radostin Danev [mailto:rado@n...]
> Sent: Tuesday, May 21, 2002 2:28 AM
> To: icomr75@y...
> Subject: Re: [icomr75] R75 Dead!
>
>
> One more thing - did you try the reset procedure from the manual
(while
> pushing "UP" and "DOWN" buttons push the POWER button)? I tried
this when
> my
> radio went crazy and it did not work.
> Also, while removeing the button battery take care not to short
it. Do not
> use metal forceps! Also be carefull not to touch it with bare fingers.
> Fingerprints on such batteries can generate higher discharge
current than
> the internal leak current. If you have some gloves and plastic
pincers use
> them.
>
> Regards,
>
> Rado
>
> ----- Original Message -----
> From: "Art Burke" <pianomanab@s...>
> To: <icomr75@y...>
> Sent: Tuesday, May 21, 2002 12:25 PM
> Subject: [icomr75] R75 Dead!
>
>

> > I came back from a 4 day trip, hooked up my R75 and nothing.
> > No screen, no audio, no nothing. I pulled off the top cover and
checked
> the
> > fuse, it's fine.
> > I notice that once in a while, unplugging and plugging the power
cable,
> I
> > see random LCD activity
> > come on the screen...
> >
> > Anyone have any of these symptoms? I checked the DC voltage out
of the
> > adapter. Approx 19.7 volts.
> >
> > Did it just die? It's only 2 months old.
> >
> > Thanks for the help.
> > Also, if anyone can offer advice on what to do at this point, it
> certainly
> > would be appreciated.
> >
> > Thanks much,
> >
> > Art
> >
> >
> > [Non-text portions of this message have been removed]
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>
> [Non-text portions of this message have been removed]

1646. Re: R75 Dead!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-22 12:36:44 UTC
From: craigm55901
Topic: 242 Message: 1646

--- In icomr75@y..., "njlar" <nospam4russell@c...> wrote:
> Look for the small pinkish/orangish warranty card that should have
> been in the box. Assuming you're in the US you will have to ship it to
> Bellevue, WA.
>
>
>
> --- In icomr75@y..., "Art Burke" <pianomanab@s...> wrote:
> > Resetting doesn't do any good Rado. Looks like it's going back.
> > Can anyone give me the procedure of sending back a warranty radio to
> Icom?
> >

Did you look on ICOM's web site?

http://www.icomamerica.com/support/service_centers.html

1647. R-75 Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-22 12:54:18 UTC
From: DFW1417
Topic: 1647 Message: 1647

Since I got my R-75 with the DSP about a year ago I have not been happy with it! It just seemed like it was so differentand quiet and bassy tone compared with other receivers I had for shortwave in the past. (DX-160B for 1).

Anyway I was thinking of selling it when I came across the Broomstick Antenna while surfing. Being cheap I decided to alter it a little. I used 16 ga pvc covered wire I had a 500' spool in the shed. Instead of a round PVC pipe I used a 2" x 3" x 6' length of plywood I had under the porch. I wrapped the board from top to bottom with coils of wire running the start and end parts to the bottom and used black electrical tape to cover it. I connected the ends to a 6' length of RG-58 coax and soldered it then taped it also.

I really had doubts about it. I ran this coax to my MFJ Antenna Tuner which then goes to the R-75. It cost me NOTHING to make this but time.

WOW! This has blown me away! I get WWV on 2.5Mhz clear and I never used to even hear it. I have monitored Hams on 40m and 20m bands which I never heard. It is SUPER NOW! I found if I select the Wide filter for AM tuning the tone is also MUCH BETTER!

When I stopped to figure it out here is what I had done.

I estimated each turn of wire on the board was 3" x 3" x 2" for a total of 8" for each turn. There were 50 turns for every 6". So I had 400" of wire for every 6" of board. I had 12 sections of 50 turns so I had 4800" of wire top to bottom when figured out to 400 feet of 16 gauge wire coiled on this form. I can use the antenna tuner and tune throughout the band to match the antenna and peak the signal on the R-75 signal meter.

NOW I LOVE MY R-75! I even listened to it this morning, I never used to be able to get CRAP in the mornings, now its SUPER! This is an ideal antenna for me and above all I have it BEHIND MY BOOKSHELF in the house. No outside wires or nothing! This would be great for anyone in an apartment or house for that matter that wants a great antenna and not outside. BE SURE to use an ANTENNA TUNER to get the maximum out of it. MFJ has a small one for about $50.00 with a switch on the left and adjustable pot to the right, I think it was model 16010.

Hope this helps someone!

Wayne.

1648. Re: R-75 Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-22 14:38:38 UTC
From: jim_hack
Topic: 1647 Message: 1648

What were you using for an antenna, BEFORE?

--- In icomr75@y..., "DFW1417" <dfw1417@y...> wrote:
> Since I got my R-75 with the DSP about a year ago I have not been
> happy with it! It just seemed like it was so differentand quiet and
> bassy tone compared with other receivers I had for shortwave in the
> past. (DX-160B for 1).
>
> Anyway I was thinking of selling it when I came across the
Broomstick
> Antenna while surfing. Being cheap I decided to alter it a little.
I
> used 16 ga pvc covered wire I had a 500' spool in the shed. Instead
> of a round PVC pipe I used a 2" x 3" x 6' length of plywood I had
> under the porch. I wrapped the board from top to bottom with coils
of
> wire running the start and end parts to the bottom and used black
> electrical tape to cover it. I connected the ends to a 6' length of
> RG-58 coax and soldered it then taped it also.
>
> I really had doubts about it. I ran this coax to my MFJ Antenna
Tuner
> which then goes to the R-75. It cost me NOTHING to make this but
time.
>
> WOW! This has blown me away! I get WWV on 2.5Mhz clear and I never
> used to even hear it. I have monitored Hams on 40m and 20m bands
> which I never heard. It is SUPER NOW! I found if I select the Wide
> filter for AM tuning the tone is also MUCH BETTER!
>
> When I stopped to figure it out here is what I had done.
>
> I estimated each turn of wire on the board was 3" x 3" x 2" for a
> total of 8" for each turn. There were 50 turns for every 6". So I
had
> 400" of wire for every 6" of board. I had 12 sections of 50 turns
so
> I had 4800" of wire top to bottom when figured out to 400 feet of
16
> gauge wire coiled on this form. I can use the antenna tuner and
tune
> throughout the band to match the antenna and peak the signal on the
R-
> 75 signal meter.
>

> NOW I LOVE MY R-75! I even listened to it this morning, I never
used
> to be able to get CRAP in the mornings, now its SUPER! This is an
> ideal antenna for me and above all I have it BEHIND MY BOOKSHELF in
> the house. No outside wires or nothing! This would be great for
> anyone in an apartment or house for that matter that wants a great
> antenna and not outside. BE SURE to use an ANTENNA TUNER to get the
> maximum out of it. MFJ has a small one for about $50.00 with a
switch
> on the left and adjustable pot to the right, I think it was model
> 16010.
>
> Hope this helps someone!
>
> Wayne.

1649. Re: R-75 Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-22 17:36:08 UTC
From: DFW1417
Topic: 1647 Message: 1649

I was using an outside ground plane 30-1300 Mhz into the antenna tuner then through a preselector into the R-75. I also had tried about 20 ft of wire down behind the desk. I really did'nt want to put up another outside antenna so I was trying to use what I had already in place.

Wayne.

--- In icomr75@y..., "jim_hack" <jim_hack@y...> wrote:
> What were you using for an antenna, BEFORE?
>
>
> --- In icomr75@y..., "DFW1417" <dfw1417@y...> wrote:
> > Since I got my R-75 with the DSP about a year ago I have not been
> > happy with it! It just seemed like it was so differentand quiet
and
> > bassy tone compared with other receivers I had for shortwave in
the
> > past. (DX-160B for 1).
> >
> > Anyway I was thinking of selling it when I came across the
> Broomstick
> > Antenna while surfing. Being cheap I decided to alter it a
little.
> I
> > used 16 ga pvc covered wire I had a 500' spool in the shed.
Instead
> > of a round PVC pipe I used a 2" x 3" x 6' length of plywood I had
> > under the porch. I wrapped the board from top to bottom with
coils
> of
> > wire running the start and end parts to the bottom and used black
> > electrical tape to cover it. I connected the ends to a 6' length
of
> > RG-58 coax and soldered it then taped it also.
> >
> > I really had doubts about it. I ran this coax to my MFJ Antenna
> Tuner
> > which then goes to the R-75. It cost me NOTHING to make this but
> time.
> >
> > WOW! This has blown me away! I get WWV on 2.5Mhz clear and I
never
> > used to even hear it. I have monitored Hams on 40m and 20m bands
> > which I never heard. It is SUPER NOW! I found if I select the

Wide
> > filter for AM tuning the tone is also MUCH BETTER!
> >
> > When I stopped to figure it out here is what I had done.
> >
> > I estimated each turn of wire on the board was 3" x 3" x 2" for a
> > total of 8" for each turn. There were 50 turns for every 6". So I
> had
> > 400" of wire for every 6" of board. I had 12 sections of 50 turns
> so
> > I had 4800" of wire top to bottom when figured out to 400 feet of
> 16
> > gauge wire coiled on this form. I can use the antenna tuner and
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> > throughout the band to match the antenna and peak the signal on
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> R-
> > 75 signal meter.
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> > NOW I LOVE MY R-75! I even listened to it this morning, I never
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> > to be able to get CRAP in the mornings, now its SUPER! This is an
> > ideal antenna for me and above all I have it BEHIND MY BOOKSHELF
in
> > the house. No outside wires or nothing! This would be great for
> > anyone in an apartment or house for that matter that wants a
great
> > antenna and not outside. BE SURE to use an ANTENNA TUNER to get
the
> > maximum out of it. MFJ has a small one for about $50.00 with a
> switch
> > on the left and adjustable pot to the right, I think it was model
> > 16010.
> >
> > Hope this helps someone!
> >
> > Wayne.

1650. Antenna Tuners

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-22 17:39:25 UTC
From: larryllm
Topic: 1650 Message: 1650

do they help on receive side or only transmit?
Thanks for any info?
Larry

1651. Re: Antenna Tuners

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-22 19:01:22 UTC
From: DFW1417
Topic: 1650 Message: 1651

There are certainly the more elaborate ones which are made for transmit and rated by the maximum wattage they can handle. However any antenna tuner can be used equally well on the receive side. If you are only using it for receive then by all means go with the cheaper version.

But to simply answer your question they match the antenna to the unit whether it be a receiver or transceiver thus giving you better reception and in the case of one made to handle say 200 watts transmission as well. There are also automatic antenna tuners out there which automatically retune the antenna match depending on the transmitted frequency into them, thus allowing you to use a single antenna on many bands while maintaining a good SWR match for the transmitter.

Also you can use a preselector which allows you to tune maximize the signal from the antenna to the receiver by frequency. Most preselectors will also provide some sort of RF adjustable gain amplifier in their unit as well. The preselector to my knowledge ONLY works on receivers though.

Wayne.

--- In icomr75@y..., "larryllm" <larrylm@h...> wrote:
> do they help on receive side or only transmit?
> Thanks for any info?
> Larry

1652. Re: Antenna Tuners

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-22 21:24:36 UTC
From: njlar
Topic: 1650 Message: 1652

Theoretically they help in receiving. As a practical matter the R75 is so sensitive you don't need one. Any reduced signal through mismatch is easily made up by the R75s sensitivity, and since the noise is increased along with the signal, the S/N ratio is not changed by a tuner. My experience with a cheap one I picked up on eBay was while it might have peaked up a few dB on some frequencies it lost a few on others even when tuned vs. taking it out. And in all cases the signals were readable either way, so I figured the tuner wasn't worth it.

As for pre-selectors, I don't have a problem with nearby broadcasters, so I don't know if they help in that case, but in general not needed. And you absolutely do not want a pre-amp with the R75 that already has two. A pre-amp could actually hurt by causing overload in the front-end.

--- In icomr75@y..., "larryllm" <larrylm@h...> wrote:
> do they help on receive side or only transmit?
> Thanks for any info?
> Larry

1653. Re: R-75 Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-22 21:36:14 UTC
From: njlar
Topic: 1647 Message: 1653

Clearly your problem was the antenna, not the R75.

--- In icomr75@y..., "DFW1417" <dfw1417@y...> wrote:
> I was using an outside ground plane 30-1300 Mhz into the antenna
> tuner then through a preselector into the R-75. I also had tried
> about 20 ft of wire down behind the desk. I really did'nt want to
put
> up another outside antenna so I was trying to use what I had
already
> in place.
>
> Wayne.
>
> --- In icomr75@y..., "jim_hack" <jim_hack@y...> wrote:
> > What were you using for an antenna, BEFORE?
> >
> >
> > --- In icomr75@y..., "DFW1417" <dfw1417@y...> wrote:
> > > Since I got my R-75 with the DSP about a year ago I have not
been
> > > happy with it! It just seemed like it was so differentand quiet
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> > > bassy tone compared with other receivers I had for shortwave in
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> > > past. (DX-160B for 1).
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> > > Anyway I was thinking of selling it when I came across the
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> > > Antenna while surfing. Being cheap I decided to alter it a
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> Instead
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> > of
> > > wire running the start and end parts to the bottom and used
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> > > electrical tape to cover it. I connected the ends to a 6'
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> of
> > > RG-58 coax and soldered it then taped it also.
> > >

> > > I really had doubts about it. I ran this coax to my MFJ Antenna
> > Tuner
> > > which then goes to the R-75. It cost me NOTHING to make this
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> > time.
> > >
> > > WOW! This has blown me away! I get WWV on 2.5Mhz clear and I
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> > > used to even hear it. I have monitored Hams on 40m and 20m
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> > > which I never heard. It is SUPER NOW! I found if I select the
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> > > filter for AM tuning the tone is also MUCH BETTER!
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> > > When I stopped to figure it out here is what I had done.
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> > > I estimated each turn of wire on the board was 3" x 3" x 2" for
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> > > total of 8" for each turn. There were 50 turns for every 6". So
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> > > 400" of wire for every 6" of board. I had 12 sections of 50
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> > so
> > > I had 4800" of wire top to bottom when figured out to 400 feet
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> > 16
> > > gauge wire coiled on this form. I can use the antenna tuner and
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> > > throughout the band to match the antenna and peak the signal on
> the
> > R-
> > > 75 signal meter.
> > >
> > > NOW I LOVE MY R-75! I even listened to it this morning, I never
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> > > to be able to get CRAP in the mornings, now its SUPER! This is
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BOOKSHELF
> in
> > > the house. No outside wires or nothing! This would be great for
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> > > antenna and not outside. BE SURE to use an ANTENNA TUNER to get
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> > > maximum out of it. MFJ has a small one for about $50.00 with a
> > switch
> > > on the left and adjustable pot to the right, I think it was
model

> > > 16010.
> > >
> > > Hope this helps someone!
> > >
> > > Wayne.

1654. Re: R-75 Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-22 23:55:24 UTC
From: jim_hack
Topic: 1647 Message: 1654

--- In icomr75@y..., "DFW1417" <dfw1417@y...> wrote:
> I was using an outside ground plane 30-1300 Mhz into the antenna
> tuner then through a preselector into the R-75.

Geez, no wonder it didn't work very well! That antenna wasn't meant for s.w. That is a VHF/ scanner setup. I have tried MANY different configurations with my R75, Best set up so far being a 60ft long, 12 gauge wire fed by coax into my set with the set being hooked to a 6 ft ground rod.

1655. Re: [icomr75] Re: R-75 Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-23 00:18:20 UTC
From: Dave
Topic: 1647 Message: 1655

Do you have a transformer to match the antenna to the co-ax?
----- Original Message -----
From: jim_hack
To: icomr75@yahoogroups.com
Sent: Thursday, May 23, 2002 00:55
Subject: [icomr75] Re: R-75 Antenna

--- In icomr75@y..., "DFW1417" <dfw1417@y...> wrote:
> I was using an outside ground plane 30-1300 Mhz into the antenna
> tuner then through a preselector into the R-75.

Geez, no wonder it didn't work very well! That antenna wasn't meant for s.w. That is a VHF/ scanner setup. I have tried MANY different configurations with my R75, Best set up so far being a 60ft long, 12 gauge wire fed by coax into my set with the set being hooked to a 6 ft ground rod.

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[Non-text portions of this message have been removed]

1656. Re: R-75 Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-23 04:13:15 UTC
From: jim_hack
Topic: 1647 Message: 1656

No transformer. Don't need it.

--- In icomr75@y..., "Dave" <rickets@s...> wrote:
> Do you have a transformer to match the antenna to the co-ax?
> ----- Original Message -----
> From: jim_hack
> To: icomr75@y...
> Sent: Thursday, May 23, 2002 00:55
> Subject: [icomr75] Re: R-75 Antenna
>
>
> --- In icomr75@y..., "DFW1417" <dfw1417@y...> wrote:
> > I was using an outside ground plane 30-1300 Mhz into the
antenna
> > tuner then through a preselector into the R-75.
>
>
> Geez, no wonder it didn't work very well! That antenna wasn't
meant
> for s.w. That is a VHF/ scanner setup. I have tried MANY
different
> configurations with my R75, Best set up so far being a 60ft long,
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> gauge wire fed by coax into my set with the set being hooked to a
6
> ft ground rod.
>
>
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Service.
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>
> [Non-text portions of this message have been removed]

1657. Re: [icomr75] Re: R-75 Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-23 12:46:23 UTC
From: Dave
Topic: 1647 Message: 1657

You are not allowed to feed a low impedance load with a high impedance generator. It ain't natural.

dr
----- Original Message -----
From: jim_hack
To: icomr75@yahoogroups.com
Sent: Thursday, May 23, 2002 05:13
Subject: [icomr75] Re: R-75 Antenna

No transformer. Don't need it.

--- In icomr75@y..., "Dave" <rickets@s...> wrote:
> Do you have a transformer to match the antenna to the co-ax?
> ----- Original Message -----
> From: jim_hack
> To: icomr75@y...
> Sent: Thursday, May 23, 2002 00:55
> Subject: [icomr75] Re: R-75 Antenna
>
>
> --- In icomr75@y..., "DFW1417" <dfw1417@y...> wrote:
> > I was using an outside ground plane 30-1300 Mhz into the
antenna
> > tuner then through a preselector into the R-75.
>
>
> Geez, no wonder it didn't work very well! That antenna wasn't
meant
> for s.w. That is a VHF/ scanner setup. I have tried MANY
different
> configurations with my R75, Best set up so far being a 60ft long,
12
> gauge wire fed by coax into my set with the set being hooked to a
6
> ft ground rod.
>
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>
> [Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

1658. Re: R-75 Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-23 14:17:26 UTC
From: jim_hack
Topic: 1647 Message: 1658

I'm sorry. I'll disconnect it, immediately ;~)

--- In icomr75@y..., "Dave" <rickets@s...> wrote:
> You are not allowed to feed a low impedance load with a high
impedance generator. It ain't natural.
>
> dr
> ----- Original Message -----
> From: jim_hack
> To: icomr75@y...
> Sent: Thursday, May 23, 2002 05:13
> Subject: [icomr75] Re: R-75 Antenna
>
>
> No transformer. Don't need it.
>
>
> --- In icomr75@y..., "Dave" <rickets@s...> wrote:
> > Do you have a transformer to match the antenna to the co-ax?
> > ----- Original Message -----
> > From: jim_hack
> > To: icomr75@y...
> > Sent: Thursday, May 23, 2002 00:55
> > Subject: [icomr75] Re: R-75 Antenna
> >
> >
> > --- In icomr75@y..., "DFW1417" <dfw1417@y...> wrote:
> > > I was using an outside ground plane 30-1300 Mhz into the
> antenna
> > > tuner then through a preselector into the R-75.
> >
> >
> > Geez, no wonder it didn't work very well! That antenna wasn't
> meant
> > for s.w. That is a VHF/ scanner setup. I have tried MANY
> different
> > configurations with my R75, Best set up so far being a 60ft
long,
> 12
> > gauge wire fed by coax into my set with the set being hooked
to a
> 6
> > ft ground rod.
> >
> >

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> >
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> >
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>
> [Non-text portions of this message have been removed]

1659. Re: R-75 Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-23 15:15:46 UTC
From: njlar
Topic: 1647 Message: 1659

Try the high impedance input and see if that works even better, with a ground wire going to the ground connection. But if it's not any better, that's OK - we won't report you to the IEEE police.

Many people feel it's better to use the coax input with the coax being run outside away from the house and the shield grounded. Then hook whatever antenna you have to the center conductor. This eliminates a lot of noise which provides much greater benefit than having a good match into the high impedance inputs.

For what it's worth, after much messing around, I ended up with an Alpha-Delta Sloper, based on recommendations in this forum. Costs about $60, which isn't much additional to get the best out of a $500 radio. The advantage of this antenna is that it has a low angle of attack which is good for DX. As soon as I put it up I was able to get RNZI on 17MHz in NJ. It also happens to be resonant (i. e., impedance close to 50 ohms) on multiple frequencies. Only one end, where it is fed, needs to be up high; I hauled mine 25 ft up into a tree. For any kind of long/random wire as well, I think that feeding it from coax up high might be beneficial.

--- In icomr75@y..., "Dave" <rickets@s...> wrote:
> You are not allowed to feed a low impedance load with a high impedance generator. It ain't natural.
>
> dr
> ----- Original Message -----
> From: jim_hack
> To: icomr75@y...
> Sent: Thursday, May 23, 2002 05:13
> Subject: [icomr75] Re: R-75 Antenna
>
>
> No transformer. Don't need it.
>
>
> --- In icomr75@y..., "Dave" <rickets@s...> wrote:
> > Do you have a transformer to match the antenna to the co-ax?
> > ----- Original Message -----
> > From: jim_hack
> > To: icomr75@y...
> > Sent: Thursday, May 23, 2002 00:55
> > Subject: [icomr75] Re: R-75 Antenna
> >
> >
> > --- In icomr75@y..., "DFW1417" <dfw1417@y...> wrote:

> > > I was using an outside ground plane 30-1300 Mhz into the
> antenna
> > > tuner then through a preselector into the R-75.
> >
> >
> > Geez, no wonder it didn't work very well! That antenna wasn't
> meant
> > for s.w. That is a VHF/ scanner setup. I have tried MANY
> different
> > configurations with my R75, Best set up so far being a 60ft
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> 12
> > gauge wire fed by coax into my set with the set being hooked
to a
> 6
> > ft ground rod.
> >
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>
> [Non-text portions of this message have been removed]

1660. Re: [icomr75] Re: R-75 Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-23 14:47:54 UTC
From: Dave
Topic: 1647 Message: 1660

"My own experience concurs with the results of this theoretical analysis (or I wouldn't be writing about it: I'd be trying to figure out what was wrong!). I have experienced "deaf bands" with coax fed antennas lacking matching transformers, but my transformer-fed antennas work well across the HF spectrum (and even down to longwave)."

-----John Doty

http://www.anarc.org/naswa/badx/antennas/SWL_longwire.html

http://www.anarc.org/naswa/badx/antennas/low-noise_antenna.html

http://www.hard-core-dx.com/nordicdx/antenna/feed/index.html
----- Original Message -----
From: jim_hack
To: icomr75@yahoogroups.com
Sent: Thursday, May 23, 2002 15:17
Subject: [icomr75] Re: R-75 Antenna

I'm sorry. I'll disconnect it, immediately ;~)

--- In icomr75@y..., "Dave" <rickets@s...> wrote:
> You are not allowed to feed a low impedance load with a high
impedance generator. It ain't natural.
>
> dr
> ----- Original Message -----
> From: jim_hack
> To: icomr75@y...
> Sent: Thursday, May 23, 2002 05:13
> Subject: [icomr75] Re: R-75 Antenna
>
>
> No transformer. Don't need it.
>
>
> --- In icomr75@y..., "Dave" <rickets@s...> wrote:
> > Do you have a transformer to match the antenna to the co-ax?
> > ----- Original Message -----
> > From: jim_hack
> > To: icomr75@y...
> > Sent: Thursday, May 23, 2002 00:55
> > Subject: [icomr75] Re: R-75 Antenna
> >
> >
> > --- In icomr75@y..., "DFW1417" <dfw1417@y...> wrote:
> > > I was using an outside ground plane 30-1300 Mhz into the

> antenna
> > > tuner then through a preselector into the R-75.
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> >
> > Geez, no wonder it didn't work very well! That antenna wasn't
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> >
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[Non-text portions of this message have been removed]

1661. Re: [icomr75] Re: Antenna Tuners

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-23 15:54:56 UTC
From: Bruce Jensen
Topic: 1650 Message: 1661

--- njlar <nospam4russell@...> wrote:

<snips>

> And you absolutely do not want a pre-amp with the
> R75 that already has two. A pre-amp could actually
> hurt by causing overload in the front-end.

This is really right. I have an MFJ-1026 antenna phaser/noise canceller that involves the use of a second aux noise antenna. It is an excellent device, works well, but has a preamp for the auxiliary noise antenna. Sometimes one needs this dedicated preamp for the noise antenna to be able to match noise signal strength, but then, turning off one or both preamps on the radio itself becomes absolutely necessary, lest the signal be packed with artifacts. Unless you are working with noise cancellation in this way, an additional preamp is undesirable.

I think the main harm would be in the reception; overload is not likely to hurt the components in the radio (at least not in my experience).

Bruce Jensen
****

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1662. Re: [icomr75] Re: R-75 Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-23 15:57:08 UTC
From: Bruce Jensen
Topic: 1647 Message: 1662

--- jim_hack <jim_hack@...> wrote:
> --- In icomr75@y..., "DFW1417" <dfw1417@y...> wrote:
> > I was using an outside ground plane 30-1300 Mhz
> into the antenna
> > tuner then through a preselector into the R-75.
>
>
> Geez, no wonder it didn't work very well! That
> antenna wasn't meant
> for s.w. That is a VHF/ scanner setup. I have tried
> MANY different
> configurations with my R75, Best set up so far being
> a 60ft long, 12
> gauge wire fed by coax into my set with the set
> being hooked to a 6
> ft ground rod.

...and this is a surprisingly good arrangement too.
On most HF bands, short of a beam antenna, this will
work about as good as anything - I have one similar to
this, and it either almost matches or outperforms my
DXUltra on nearly every band.

Bruce Jensen

_____
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http://launch.yahoo.com

1663. Re: R-75 Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-23 18:11:52 UTC
From: njlar
Topic: 1647 Message: 1663

Yep, the first link is exactly what I experienced. Some loss across the board. Some improvement (looks like about 7dB) at certain (anti-resonant) spots. 7dB is slightly more than one S-unit.

--- In icomr75@y..., "Dave" <rickets@s...> wrote:
> "My own experience concurs with the results of this theoretical analysis (or I wouldn't be writing about it: I'd be trying to figure out what was wrong!). I have experienced "deaf bands" with coax fed antennas lacking matching transformers, but my transformer-fed antennas work well across the HF spectrum (and even down to longwave)."
>
> -----John Doty
>
> http://www.anarc.org/naswa/badx/antennas/SWL_longwire.html
>
> http://www.anarc.org/naswa/badx/antennas/low-noise_antenna.html
>
> http://www.hard-core-dx.com/nordicdx/antenna/feed/index.html
> ----- Original Message -----
> From: jim_hack
> To: icomr75@y...
> Sent: Thursday, May 23, 2002 15:17
> Subject: [icomr75] Re: R-75 Antenna
>
>
> I'm sorry. I'll disconnect it, immediately ;~)
>
>
> --- In icomr75@y..., "Dave" <rickets@s...> wrote:
> > You are not allowed to feed a low impedance load with a high impedance generator. It ain't natural.
> > >
> > > dr
> > > ----- Original Message -----
> > > From: jim_hack
> > > To: icomr75@y...
> > > Sent: Thursday, May 23, 2002 05:13
> > > Subject: [icomr75] Re: R-75 Antenna
> > > >
> > > >
> > > No transformer. Don't need it.
> > > >
> > > >
> > > --- In icomr75@y..., "Dave" <rickets@s...> wrote:

> > > Do you have a transformer to match the antenna to the co-ax?
> > > ----- Original Message -----
> > > From: jim_hack
> > > To: icomr75@y...
> > > Sent: Thursday, May 23, 2002 00:55
> > > Subject: [icomr75] Re: R-75 Antenna
> > >
> > >
> > > --- In icomr75@y..., "DFW1417" <dfw1417@y...> wrote:
> > > > I was using an outside ground plane 30-1300 Mhz into
the
> > antenna
> > > > tuner then through a preselector into the R-75.
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> > >
> > > Geez, no wonder it didn't work very well! That antenna
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1664. DSB Trick

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-23 18:13:39 UTC
From: christher69
Topic: 1664 Message: 1664

Hello folks,

Nice group nice radio and a lot of information here !

I am new to the group an I have been reading what people have to say
and I cant understand much of the AM-S debate honestly, but thats
me mostly a utility fan, as far as I am concerned I couldnt care less
if they took the AM button away completely, but thats not what I
wanted to say...

What I wanted to say was that ...

I found a trick on another R75 page that hasnt been mentioned in this
group so I wanted to post it .

It tricks the R75 to be able to receive in DSB aka both sidebands at
same time, havent tested it on ISB yet but will do it tonight, the
trick is to use filter setting 15 & 6 on SSB modes and thats about it.

I found the the trick here:
http://www.geocities.com/zliangas/rt75.htm

73 de

//C.L//

1665. Re: R-75 Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-23 23:39:13 UTC
From: jim_hack
Topic: 1647 Message: 1665

I WAS using the high impedance connector before, BUT I got noise from every thing, it seemed. Had to unplug computer, monitor, modem. It works MUCH better this way. I just hope no one turns me in for the violation. (looking up and down street through closed curtains ;)

--- In icomr75@y..., "njlar" <nospam4russell@c...> wrote:
> Try the high impedance input and see if that works even better, with
> a ground wire going to the ground connection. But if it's not any
> better, that's OK - we won't report you to the IEEE police.
>
> Many people feel it's better to use the coax input with the coax
> being run outside away from the house and the shield grounded. Then
> hook whatever antenna you have to the center conductor. This
> eliminates a lot of noise which provides much greater benefit than
> having a good match into the high impedance inputs.
>
> For what it's worth, after much messing around, I ended up with an
> Alpha-Delta Sloper, based on recommendations in this forum. Costs
> about $60, which isn't much additional to get the best out of a $500
> radio. The advantage of this antenna is that it has a low angle of
> attack which is good for DX. As soon as I put it up I was able to get
> RNZI on 17MHz in NJ. It also happens to be resonant (i. e., impedance
> close to 50 ohms) on multiple frequencies. Only one end, where it is
> fed, needs to be up high; I hauled mine 25 ft up into a tree. For any
> kind of long/random wire as well, I think that feeding it from coax
> up high might be beneficial.
>
> --- In icomr75@y..., "Dave" <rickets@s...> wrote:
> > You are not allowed to feed a low impedance load with a high
> impedance generator. It ain't natural.
> > >
> > > dr
> > > ----- Original Message -----
> > > From: jim_hack
> > > To: icomr75@y...
> > > Sent: Thursday, May 23, 2002 05:13
> > > Subject: [icomr75] Re: R-75 Antenna
> > > >
> > > >

> > No transformer. Don't need it.
> >
> >
> > --- In icomr75@y..., "Dave" <rickets@s...> wrote:
> > > Do you have a transformer to match the antenna to the co-ax?
> > > ----- Original Message -----
> > > From: jim_hack
> > > To: icomr75@y...
> > > Sent: Thursday, May 23, 2002 00:55
> > > Subject: [icomr75] Re: R-75 Antenna
> > >
> > >
> > > --- In icomr75@y..., "DFW1417" <dfw1417@y...> wrote:
> > > > I was using an outside ground plane 30-1300 Mhz into the
> > antenna
> > > > tuner then through a preselector into the R-75.
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> > >
> > > Geez, no wonder it didn't work very well! That antenna
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> > [Non-text portions of this message have been removed]

1666. Re: R-75 Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-23 23:46:48 UTC
From: jim_hack
Topic: 1647 Message: 1666

I pick up several beacons on L.W., WWV on 2.5, 5, 10, 15, and 20 all at the same time (with wwvh on 10 and 15 in evenings), GHFS, RNZI (Clear as a bell), India, Ghana, Kuwait,Taiwan, N. Korea, Vietnam, numerous number stations, Coast Guard, Air mobile, M.W. stations from several states away, etc.
Theoretical analysis aside...
If it ain't broke, don't fix it! :~)

--- In icomr75@y..., "Dave" <rickets@s...> wrote:
> "My own experience concurs with the results of this theoretical analysis (or I wouldn't be writing about it: I'd be trying to figure out what was wrong!). I have experienced "deaf bands" with coax fed antennas lacking matching transformers, but my transformer-fed antennas work well across the HF spectrum (and even down to longwave)."
>
> -----John Doty
>
> http://www.anarc.org/naswa/badx/antennas/SWL_longwire.html
>
> http://www.anarc.org/naswa/badx/antennas/low-noise_antenna.html
>
> http://www.hard-core-dx.com/nordicdx/antenna/feed/index.html
> ----- Original Message -----
> From: jim_hack
> To: icomr75@y...
> Sent: Thursday, May 23, 2002 15:17
> Subject: [icomr75] Re: R-75 Antenna
>
>
> I'm sorry. I'll disconnect it, immediately ;~)
>
>
> --- In icomr75@y..., "Dave" <rickets@s...> wrote:
> > You are not allowed to feed a low impedance load with a high
> impedance generator. It ain't natural.
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> > dr
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> > From: jim_hack
> > To: icomr75@y...
> > Sent: Thursday, May 23, 2002 05:13
> > Subject: [icomr75] Re: R-75 Antenna
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> >

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> > --- In icomr75@y..., "Dave" <rickets@s...> wrote:
> > > Do you have a transformer to match the antenna to the co-ax?
> > > ----- Original Message -----
> > > From: jim_hack
> > > To: icomr75@y...
> > > Sent: Thursday, May 23, 2002 00:55
> > > Subject: [icomr75] Re: R-75 Antenna
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> [Non-text portions of this message have been removed]

1667. Re: [icomr75] Re: R-75 Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-23 23:16:33 UTC
From: Dave
Topic: 1647 Message: 1667

Aren't you the least bit curious as to what she'd do if you opened her up, all the way?

----- Original Message -----
From: jim_hack
To: icomr75@yahoogroups.com
Sent: Friday, May 24, 2002 00:46
Subject: [icomr75] Re: R-75 Antenna

I pick up several beacons on L.W., WWV on 2.5, 5, 10, 15, and 20 all
at the same time (with wwvh on 10 and 15 in evenings), GHFS, RNZI
(Clear as a bell), India, Ghana, Kuwait,Taiwan, N. Korea, Vietnam,
numerous number stations, Coast Guard, Air mobile, M.W. stations from
several states away, etc.
Theoretical analysis aside...
If it ain't broke, don't fix it! :~)

--- In icomr75@y..., "Dave" <rickets@s...> wrote:
> "My own experience concurs with the results of this theoretical
analysis (or I wouldn't be writing about it: I'd be trying to figure
out what was wrong!). I have experienced "deaf bands" with coax fed
antennas lacking matching transformers, but my transformer-fed
antennas work well across the HF spectrum (and even down to
longwave)."
>
> -----John Doty
>
> http://www.anarc.org/naswa/badx/antennas/SWL_longwire.html
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> http://www.anarc.org/naswa/badx/antennas/low-noise_antenna.html
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> http://www.hard-core-dx.com/nordicdx/antenna/feed/index.html
> ----- Original Message -----
> From: jim_hack
> To: icomr75@y...
> Sent: Thursday, May 23, 2002 15:17
> Subject: [icomr75] Re: R-75 Antenna
>
>
> I'm sorry. I'll disconnect it, immediately ;~)
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>
> --- In icomr75@y..., "Dave" <rickets@s...> wrote:
> > You are not allowed to feed a low impedance load with a high
> impedance generator. It ain't natural.
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> > dr

> > ----- Original Message -----
> > From: jim_hack
> > To: icomr75@y...
> > Sent: Thursday, May 23, 2002 05:13
> > Subject: [icomr75] Re: R-75 Antenna
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> > No transformer. Don't need it.
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> > --- In icomr75@y..., "Dave" <rickets@s...> wrote:
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1668. Re: R-75 Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-24 03:32:35 UTC
From: jim_hack
Topic: 1647 Message: 1668

Geez, if I opened her up "all the way", I could be facing some
serious charg.... Oh, did you mean the radio?

--- In icomr75@y..., "Dave" <rickets@s...> wrote:
> Aren't you the least bit curious as to what she'd do if you opened
her up, all the way?
>
> ----- Original Message -----
> From: jim_hack
> To: icomr75@y...
> Sent: Friday, May 24, 2002 00:46
> Subject: [icomr75] Re: R-75 Antenna
>
>
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> > ----- Original Message -----

> > From: jim_hack
> > To: icomr75@y...
> > Sent: Thursday, May 23, 2002 15:17
> > Subject: [icomr75] Re: R-75 Antenna
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> > > Subject: [icomr75] Re: R-75 Antenna
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> > > > ----- Original Message -----
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> > > > To: icomr75@y...
> > > > Sent: Thursday, May 23, 2002 00:55
> > > > Subject: [icomr75] Re: R-75 Antenna
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> > > >
> > > >
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> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
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> > > Your use of Yahoo! Groups is subject to the Yahoo! Terms
of
> > Service.
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> > > [Non-text portions of this message have been removed]
> >
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> >
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> > icomr75-unsubscribe@e...
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> > [Non-text portions of this message have been removed]
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Service.
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>
> [Non-text portions of this message have been removed]

1669. Re: R-75 Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-24 15:18:25 UTC
From: jim_hack
Topic: 1647 Message: 1669

Seriously though Dave, I DO want to get all the signals I am entitled to :~) I did a search on HRO, Grove's websites for matching transformers and didn't come up with anything. Where can I get one? Would an antenna tuner also be of any use? If so, are there any "cheap" ones that work well?

--- In icomr75@y..., "Dave" <rickets@s...> wrote:
> Aren't you the least bit curious as to what she'd do if you opened her up, all the way?
>
> ----- Original Message -----
> From: jim_hack
> To: icomr75@y...
> Sent: Friday, May 24, 2002 00:46
> Subject: [icomr75] Re: R-75 Antenna
>
>
> I pick up several beacons on L.W., WWV on 2.5, 5, 10, 15, and 20 all
> at the same time (with wwvh on 10 and 15 in evenings), GHFS, RNZI
> (Clear as a bell), India, Ghana, Kuwait,Taiwan, N. Korea, Vietnam,
> numerous number stations, Coast Guard, Air mobile, M.W. stations from
> several states away, etc.
> Theoretical analysis aside...
> If it ain't broke, don't fix it! :~)
>
>
>
> --- In icomr75@y..., "Dave" <rickets@s...> wrote:
> > "My own experience concurs with the results of this theoretical
> analysis (or I wouldn't be writing about it: I'd be trying to figure
> out what was wrong!). I have experienced "deaf bands" with coax fed
> antennas lacking matching transformers, but my transformer-fed
> antennas work well across the HF spectrum (and even down to
> longwave)."
> >
> > -----John Doty
> >
> > http://www.anarc.org/naswa/badx/antennas/SWL_longwire.html
> >
> > http://www.anarc.org/naswa/badx/antennas/low-noise_antenna.html

> >
> > http://www.hard-core-dx.com/nordicdx/antenna/feed/index.html
> > ----- Original Message -----
> > From: jim_hack
> > To: icomr75@y...
> > Sent: Thursday, May 23, 2002 15:17
> > Subject: [icomr75] Re: R-75 Antenna
> >
> >
> > I'm sorry. I'll disconnect it, immediately ;~)
> >
> >
> > --- In icomr75@y..., "Dave" <rickets@s...> wrote:
> > > You are not allowed to feed a low impedance load with a
high
> > impedance generator. It ain't natural.
> > >
> > > dr
> > > ----- Original Message -----
> > > From: jim_hack
> > > To: icomr75@y...
> > > Sent: Thursday, May 23, 2002 05:13
> > > Subject: [icomr75] Re: R-75 Antenna
> > >
> > >
> > > No transformer. Don't need it.
> > >
> > >
> > > --- In icomr75@y..., "Dave" <rickets@s...> wrote:
> > > > Do you have a transformer to match the antenna to the
co-ax?
> > > > ----- Original Message -----
> > > > From: jim_hack
> > > > To: icomr75@y...
> > > > Sent: Thursday, May 23, 2002 00:55
> > > > Subject: [icomr75] Re: R-75 Antenna
> > > >
> > > >
> > > > --- In icomr75@y..., "DFW1417" <dfw1417@y...> wrote:
> > > > > I was using an outside ground plane 30-1300 Mhz
into
> the
> > > antenna
> > > > > tuner then through a preselector into the R-75.
> > > >
> > > >
> > > > Geez, no wonder it didn't work very well! That
antenna
> wasn't
> > > meant

> > > > for s.w. That is a VHF/ scanner setup. I have tried
MANY
> > > different
> > > > configurations with my R75, Best set up so far being
a
> 60ft
> > long,
> > > 12
> > > > gauge wire fed by coax into my set with the set being
> hooked
> > to a
> > > 6
> > > > ft ground rod.
> > > >
> > > >
> > > > Yahoo! Groups Sponsor
> > > > ADVERTISEMENT
> > > >
> > > >
> > > >
> > > >
> > > > To unsubscribe from this group, send an email to:
> > > > icomr75-unsubscribe@e...
> > > >
> > > >
> > > >
> > > > Your use of Yahoo! Groups is subject to the Yahoo!
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> of
> > > Service.
> > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > >
> > >
> > > Yahoo! Groups Sponsor
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> > >
> > > To unsubscribe from this group, send an email to:
> > > icomr75-unsubscribe@e...
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> > Service.

> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> >
> >
> > Yahoo! Groups Sponsor
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> Service.
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> >
> >
> > [Non-text portions of this message have been removed]
>
>
> Yahoo! Groups Sponsor
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>
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>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@e...
>
>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
>
>
>
> [Non-text portions of this message have been removed]

1670. Re: [icomr75] Re: R-75 Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-24 15:08:54 UTC
From: Jeff Santee
Topic: 1647 Message: 1670

----- Original Message -----
From: jim_hack
To: icomr75@yahoogroups.com
Sent: Friday, May 24, 2002 12:18 PM
Subject: [icomr75] Re: R-75 Antenna

Seriously though Dave, I DO want to get all the signals I am entitled
to :~) I did a search on HRO, Grove's websites for matching
transformers and didn't come up with anything. Where can I get one?
Would an antenna tuner also be of any use? If so, are there
any "cheap" ones that work well?

==========
Try www.shortwavestore.com ---- 29.95$

[Non-text portions of this message have been removed]

1671. Re: [icomr75] Re: R-75 Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-24 19:55:25 UTC
From: Dave
Topic: 1647 Message: 1671

Build your own:

http://www.hard-core-dx.com/nordicdx/antenna/feed/9_1balun.html

Parts (toroids, assembled weatherproofed MLB (a bit pricey but that's convenience for you)

http://www.palomar-engineers.com/MLB-1/mlb-1.html
----- Original Message -----
From: Jeff Santee
To: icomr75@yahoogroups.com
Sent: Friday, May 24, 2002 16:08
Subject: Re: [icomr75] Re: R-75 Antenna

----- Original Message -----
From: jim_hack
To: icomr75@yahoogroups.com
Sent: Friday, May 24, 2002 12:18 PM
Subject: [icomr75] Re: R-75 Antenna

Seriously though Dave, I DO want to get all the signals I am entitled
to :~) I did a search on HRO, Grove's websites for matching
transformers and didn't come up with anything. Where can I get one?
Would an antenna tuner also be of any use? If so, are there
any "cheap" ones that work well?

==
Try www.shortwavestore.com ---- 29.95$

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

1672. Utility Stuff

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-24 23:58:44 UTC
From: christher69
Topic: 1672 Message: 1672

I had some lot of thinking before I bought this radio and its the best I have ever seen sofar, thats not much since my last receivers are ATS803 and Lowe HF150 which both were and still sort of are the best in their worlds, I am and will be a Utility fan and I have always tried to buy the best of value in that world, the HF150 is a great radio still if you fellows are so keen into AMS od S-AM, or even USD or USL as its splitted into different sidebands on the Lowe RIG, I havent got the slightest clue, but I think the Lowe is one hell of a BC radio listeners radio, BUT ! even agreed upon the fact that the AMS in this particular mode isnt working, I cant think of any real reason to ´bark on its features, I would like to know if there are any OTHER utility fans here to give some thougts of things like filter experiences in SSB modes FAX mnodes RTTY modes PSK modes remember outside the HAM world RTTY is not just 170hz or 450hz wide stuff, also FAX with its 1.9Khz reception CF and its special Filters that I havent seen for IF sofar as far as I remember, I dont want to be harsh but this whole groups messages has been more tban 80% about some BC station AM shit which this radio isnt designed for in the first place, so is there any thoughts and oddities mods etc for US that use this radio as its designed for in the first place ?

//Chris
Give me I can take it ...
If you think I cant punch me even harder I take that too...

1673. Re: Utility Stuff

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-25 02:28:06 UTC
From: just_rtfm
Topic: 1672 Message: 1673

hi Chris:

i decode utility via software using my computer's sound card. this requires no special filters... the stock 2.4 kHz ones allow being able to 'see' many signals at once using the software's waterfall or bandscope. i go over the software i use in the cookbook (see files section).

phil :)

1674. Re: [icomr75] R-75 Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-25 07:12:49 UTC
From: E de Jong
Topic: 1647 Message: 1674

Maybe it's possible to post a picture to the group of the construction you made...?

Ed de Jong
Balk. The Netherlands
URL: http://beam.to/galact
E-mail: ed@... <mailto:ed@...> (default)

_____
{The night hides a world but unveils a universe}

----- Original Message -----
From: DFW1417
To: icomr75@yahoogroups.com
Sent: Wednesday, May 22, 2002 2:54 PM
Subject: [icomr75] R-75 Antenna

Anyway I was thinking of selling it when I came across the Broomstick Antenna while surfing. Being cheap I decided to alter it a little. I used 16 ga pvc covered wire I had a 500' spool in the shed. Instead of a round PVC pipe I used a 2" x 3" x 6' length of plywood I had under the porch. I wrapped the board from top to bottom with coils of wire running the start and end parts to the bottom and used black electrical tape to cover it. I connected the ends to a 6' length of RG-58 coax and soldered it then taped it also.

I estimated each turn of wire on the board was 3" x 3" x 2" for a total of 8" for each turn. There were 50 turns for every 6". So I had 400" of wire for every 6" of board. I had 12 sections of 50 turns so I had 4800" of wire top to bottom when figured out to 400 feet of 16 gauge wire coiled on this form. I can use the antenna tuner and tune throughout the band to match the antenna and peak the signal on the R-75 signal meter.

Wayne.

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[Non-text portions of this message have been removed]

1675. Re: R-75 Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-25 14:51:25 UTC
From: jim_hack
Topic: 1647 Message: 1675

Thanks, Jeff!

==
=============
> Try www.shortwavestore.com ---- 29.95$
>
>
>
>
> [Non-text portions of this message have been removed]

1676. Re: Utility Stuff

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-25 20:27:58 UTC
From: gricer37
Topic: 1672 Message: 1676

I use my r-75 to decode these utility signals using only the sound
card.
rtty sstv psk31 packet and other modes in the mix w software package
cw using cw get
hf weather fax/charts using wxsat
hf acars using pc-hfdl
aviation selcal using airnav selcal decoder
ale using pc-ale
I also use radio raft software for decoding various digital modes
usind a demodulator.
My r-75 is as supplied in the uk with no modifications.

1677. Re: Balun source

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-25 21:55:59 UTC
From: Eddie Bryant
Topic: 1677 Message: 1677

>Subject: Re: R-75 Antenna
>
>Seriously though Dave, I DO want to get all the signals I am entitled
>to :~) I did a search on HRO, Grove's websites for matching
>transformers and didn't come up with anything. Where can I get one?
>Would an antenna tuner also be of any use? If so, are there
>any "cheap" ones that work well?

http://www.radioworks.com/

......is also another good source for matching Baluns.

They have an excelent catalog that is very informative.

http://www.radioworks.com/PDFarticles.htm

Ed
N4UMJ

1678. Re: Utility Stuff

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-26 01:44:06 UTC
From: christher69
Topic: 1672 Message: 1678

--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
Hi Just "Read the f$£$@£$ manual" ;-)

Well ...
I was extremely harsh since I wanted to have some reactions !!!

Perhaps its a wrong aproach, I am ofcourse not angry at this group or the effords of the so called "Rado" AMS thing, the AGC thing seems to be very very intresting, sorry that I make a first coldish introduction !!!
´

Yes I too like software like Mixw32 etc that is excelent as well as Radioraft is, though I am intrested of hearing of how other mil or utility users find the radios filters working: like the FAX decoding needs some filters etc. and SSTV and so on, I use personaly an external DSP for the AF afterwards "decoding" and the "RTTY" monitoring shows its best parts for me with this external thingy.

Though: I know there is IF filters ready for ICOM like 500,350,250 etc but I want to know the "reactions" and what people think about it , I have now ordered 1.9, and 1.8 Khz filters and I think it will be perhaps ok so so for Utility, but who knows, mayne the 1.9 would have been enough and instead using at the secondary IF stage (Read 3:rd) some 500 filter, this was my aggressive start, I wanted to get an oppinion, not to hurt anyone ofcourse, the fact is I am a very silent person ;-) !!!

PS:Anyone intrested in RR Comms
and if not check it out anyway...
http://chle.dynu.com/projects/russcomm.txt

//Chris

1679. Re: [icomr75] Re: Balun source

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-26 12:45:24 UTC
From: Dave
Topic: 1677 Message: 1679

They don't seem to have a 9:1.
----- Original Message -----
From: Eddie Bryant
To: icomr75@yahoogroups.com
Sent: Saturday, May 25, 2002 22:55
Subject: [icomr75] Re: Balun source

>Subject: Re: R-75 Antenna
>
>Seriously though Dave, I DO want to get all the signals I am entitled
>to :~) I did a search on HRO, Grove's websites for matching
>transformers and didn't come up with anything. Where can I get one?
>Would an antenna tuner also be of any use? If so, are there
>any "cheap" ones that work well?

http://www.radioworks.com/

......is also another good source for matching Baluns.

They have an excelent catalog that is very informative.

http://www.radioworks.com/PDFarticles.htm

Ed
N4UMJ

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[Non-text portions of this message have been removed]

1680. tk75 v0.3 software for IC-R75 now available

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-27 13:31:54 UTC
From: Bob Parnass, AJ9S
Topic: 1680 Message: 1680

tk75 version 0.3 is now available for free download
from http://parnass.org

tk75 is open source, multiplatform software for controlling
and cloning the ICOM IC-R75 tabletop receiver.

Changes include:
New initialization logic obtains most of the Set Mode
settings by reading from the radio instead of using
defaults or using previously stored values.

Fixed bug in RF/Squelch knob Set Mode selection.

I use the free and more stable Linux operating system
instead of Windows. But, I wrote tk75 in Tcl/Tk so it runs on
either operating system.

It will probably run on Windows ME, Windows 2000,
Windows XP, MacOS X, Solaris, FreeBSD, and other environments,
but I've only tested it on Linux and Windows 98.

You can read about and download a beta test version of tk75
from my home page:

http://parnass.org (New web site)

I don't warrant the software, but it won't cost you anything.

Thanks to Bob Grove for the loan of an ICOM IC-R75 receiver
so I could design and test tk75.

--
===
Bob Parnass, AJ9S Linux User www.parnass.org

1681. phone line SW antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-27 22:16:57 UTC
From: dmcbohol
Topic: 1681 Message: 1681

May 27 ,2002

HELLO Group,

I found this on the net :

http://www.sas.upenn.edu/African_Studies/Electronic/phone_antenna.html

It's about using the (overhead) Phone line as SW antenna. Anyone
already tried this? Any comment on this?

Regards,

Dennis Cruz (stclaire@...)

1682. Re: [icomr75] phone line SW antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-27 23:00:30 UTC
From: Dave
Topic: 1681 Message: 1682

Seems like you'd essentially be plugging into a gnarly noisy "ground" with 48 Vdc and/or 90 Vac on it.
----- Original Message -----
From: dmcbohol
To: icomr75@yahoogroups.com
Sent: Monday, May 27, 2002 23:16
Subject: [icomr75] phone line SW antenna

May 27 ,2002

HELLO Group,

I found this on the net :

http://www.sas.upenn.edu/African_Studies/Electronic/phone_antenna.html

It's about using the (overhead) Phone line as SW antenna. Anyone
already tried this? Any comment on this?

Regards,

Dennis Cruz (stclaire@...)

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[Non-text portions of this message have been removed]

1683. Re: phone line SW antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-28 04:09:56 UTC
From: rsakabu
Topic: 1681 Message: 1683

--- In icomr75@y..., "dmcbohol" <stclaire@n...> wrote:
> May 27 ,2002
>
> HELLO Group,
>
> I found this on the net :
>
>
http://www.sas.upenn.edu/African_Studies/Electronic/phone_antenna.html
>
>
> It's about using the (overhead) Phone line as SW antenna. Anyone
> already tried this? Any comment on this?

Back when I started listening to SWBC stations in the 70's, there was a recommendation in a SWL book that said to try hooking a wire from the antenna jack of the radio to the finger stop of the telephone, you know, the old dial type? The book said sometimes it worked, sometimes it didn't. My parents had overhead telepone lines and it worked pretty well.

With most modern phone lines underground, it's much less likely to work nowadays and a piece of 22 AWG wire thrown over your roof will probably work better. You can even try 28-30 AWG black wire if you want really stealthy stuff.

1684. TK75 v 3

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-28 05:17:41 UTC
From: jim_hack
Topic: 1684 Message: 1684

Just downloaded, installed, and ran this "new" program. I had never used any of the older versions, so I can't compare to them, BUT... This is MUCH better than Smart Icom Control32 which has lots of "lag" time between commands. Only (bug?) I saw was:
I manually (on radio) changed some of the filter settings, then went back to the program to find it was "hung". Apparently, it doesn't like you messing with the radio while it's in control:~)
I especially like the extra S. Fast AGC setting, as I performed Rado's AGC mod which makes the fast AGC about equal to the un-modded slow setting.
Kudos to Bob for his efforts.

1685. Re: [icomr75] TK75 v 3

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-28 11:52:33 UTC
From: Bob Parnass, AJ9S
Topic: 1684 Message: 1685

Jim,

Glad you like tk75 software. Yes, tk75 will become confused if
you use the radio's front panel controls once the program
has started.

Thanks for the feedback.

On Tuesday 28 May 2002 12:17 am, you wrote:
> Just downloaded, installed, and ran this "new" program. I had never
> used any of the older versions, so I can't compare to them, BUT...
> This is MUCH better than Smart Icom Control32 which has lots of "lag"
> time between commands. Only (bug?) I saw was:
> I manually (on radio) changed some of the filter settings, then went
> back to the program to find it was "hung". Apparently, it doesn't
> like you messing with the radio while it's in control:~)
> I especially like the extra S. Fast AGC setting, as I performed Rado's
> AGC mod which makes the fast AGC about equal to the un-modded slow
> setting.
> Kudos to Bob for his efforts.
>

--
==
Bob Parnass, AJ9S Linux User www.parnass.org

1686. Re: [icomr75] Lag Time

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-28 23:33:37 UTC
From: Mark J. Fine
Topic: 1686 Message: 1686

From: "jim_hack" <jim_hack@...>
> This is MUCH better than Smart Icom Control32 which has lots of "lag"
> time between commands. Only (bug?) I saw was:

Jim, you might not have known, but the "lag" time between commands can be tweaked in the Comms options. A default pacing value is used upon first startup to accommodate a wide range of host computers.

73,

Mark J. Fine / mark.fine@...
Remington, Virginia, USA

Serving the Shortwave Community since 1988:
- Owner/Proprietor, FineWare: http://www.fineware-swl.com
- East Coast Monitor, Monitoring Times: http://www.grove-ent.com
- English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa

1687. Re: Lag Time

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-29 02:23:55 UTC
From: jim_hack
Topic: 1686 Message: 1687

So, how do I speed it up?

--- In icomr75@y..., "Mark J. Fine" <mark.fine@f...> wrote:
> From: "jim_hack" <jim_hack@y...>
> > This is MUCH better than Smart Icom Control32 which has lots
of "lag"
> > time between commands. Only (bug?) I saw was:
>
> Jim, you might not have known, but the "lag" time between commands
can be
> tweaked in the Comms options. A default pacing value is used upon
first
> startup to accommodate a wide range of host computers.
>
> 73,
>
> Mark J. Fine / mark.fine@f...
> Remington, Virginia, USA
>
> Serving the Shortwave Community since 1988:
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> - East Coast Monitor, Monitoring Times: http://www.grove-ent.com
> - English Schedules Editor, NASWA Journal:
http://www.anarc.org/naswa

1688. Re: [icomr75] Re: Lag Time

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-29 02:29:35 UTC
From: Mark J. Fine
Topic: 1686 Message: 1688

From: "jim_hack" <jim_hack@...>
> So, how do I speed it up?

Lower the number.

73,

Mark J. Fine / mark.fine@...
Remington, Virginia, USA

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- Owner/Proprietor, FineWare: http://www.fineware-swl.com
- East Coast Monitor, Monitoring Times: http://www.grove-ent.com
- English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa

1689. Re: Lag Time

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-29 02:42:06 UTC
From: jim_hack
Topic: 1686 Message: 1689

I'll try that. That, incidently was my ONLY complaint with it.

--- In icomr75@y..., "Mark J. Fine" <mark.fine@f...> wrote:
> From: "jim_hack" <jim_hack@y...>
> > So, how do I speed it up?
>
> Lower the number.
>
> 73,
>
> Mark J. Fine / mark.fine@f...
> Remington, Virginia, USA
>
> Serving the Shortwave Community since 1988:
> - Owner/Proprietor, FineWare: http://www.fineware-swl.com
> - East Coast Monitor, Monitoring Times: http://www.grove-ent.com
> - English Schedules Editor, NASWA Journal:
http://www.anarc.org/naswa

1690. Re: [icomr75] Re: Lag Time

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-29 09:24:12 UTC
From: Simone Meggiato
Topic: 1686 Message: 1690

Hi,

> I'll try that. That, incidently was my ONLY complaint with it.

Probably the tweak won't work as you expect... :(

Saluti,

Simone Meggiato
ICQ: 10073514
HomePage: www.simonemeggiato.it
Online dal 1991

1691. TK75 v 3 vs Smart Icom32

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-29 16:14:57 UTC
From: jim_hack
Topic: 1691 Message: 1691

I finally got a chance to play around with these a bit.
The ONLY improvements I personally would like to see in TK75 would be:
1) The ability to add to the PRESETS
2) The ability to write to individual memories (or did I just not see that?)
3) It would be nice to be able to drag the frequency indicator to a different position
4) Add a database like Smart Icom 32 has
Otherwise this is an excellent program for the price :~)

Smart Icom32...
Well, I lowered the pacing value as was suggested.
Now, when I start the program, it just hangs. (with or without the radio connected) I don't see any way to reset the value without removing and re-installing it. Maybe I'm just not savvy enough for this software.
I DO like the built in database. That is a definate plus.

1692. Re: [icomr75] TK75 v 3 vs Smart Icom32

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-29 16:37:42 UTC
From: Bob Parnass, AJ9S
Topic: 1691 Message: 1692

Jim,

Thanks for your excellent suggestions for tk75.

Though tk75 ver 0.3 does not provide a GUI interface for changing
the Presets, you can customize them
by using an ASCII text editor (e.g., the
DOS edit program) to edit the "presets.tcl" file.

Important note: Be sure to make a backup copy of the file first.

On Wednesday 29 May 2002 11:14 am, you wrote:
> I finally got a chance to play around with these a bit.
> The ONLY improvements I personally would like to see in TK75 would be:
> 1) The ability to add to the PRESETS
> 2) The ability to write to individual memories (or did I just not see
> that?)
> 3) It would be nice to be able to drag the frequency indicator to a
> different position
> 4) Add a database like Smart Icom 32 has
> Otherwise this is an excellent program for the price :~)
>
> Smart Icom32...
> Well, I lowered the pacing value as was suggested.
> Now, when I start the program, it just hangs. (with or without the
> radio connected) I don't see any way to reset the value without
> removing and re-installing it. Maybe I'm just not savvy enough for
> this software.
> I DO like the built in database. That is a definate plus.

--
==========
Bob Parnass, AJ9S Linux User www.parnass.org

1693. Re: [icomr75] TK75 v 3 vs Smart Icom32

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-29 16:54:09 UTC
From: Mark J. Fine
Topic: 1691 Message: 1693

From: "jim_hack" <jim_hack@...>
> Well, I lowered the pacing value as was suggested.
> Now, when I start the program, it just hangs. (with or without the
> radio connected) I don't see any way to reset the value without
> removing and re-installing it.

Ew... that's not good. I'll have to see why that happened.

Just in case if anyone else has experienced this issue...
You don't need to re-install - just delete the smartcom.ini file and restart the program. It will go back to preset defaults on startup, or ask you for any new things that it needs.

Also, if the radio is set to communicate at a 19.2k serial rate you should need no more than a pacing value of about 30 or 40. If the radio is set to communicate at a slower serial rate, then you will need to up the pacing value accordingly. Rather than go into more detail on what the pacing values are here (or if anyone really cares), I do have a couple of sections in my FAQ page:
http://www.fineware-swl.com/faq.html#COMS

73,

Mark J. Fine / mark.fine@...
Remington, Virginia, USA

Serving the Shortwave Community since 1988:
- Owner/Proprietor, FineWare: http://www.fineware-swl.com
- East Coast Monitor, Monitoring Times: http://www.grove-ent.com
- English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa

1694. ECSS method on IC-718

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-29 21:43:29 UTC
From: dmcbohol
Topic: 1694 Message: 1694

May 29, 2002

Hello everyone !

It's already been said that the IC-718 has a comparable performance with the IC-R75 as a receiver. My question is : is the ECSS method available/possible on the IC-718? I have not purchase any of the radio yet so there is no way for me to find out/experiment. I'm still undecided whether to buy the 718 or the R75 or both (",)

And is mounting/installing an internal ferrite bar antenna possible for both radio for AM/MW BC operations?

thanks...

()"""() ZZzzzz...
(-.-)
(__)(__)

(it's very early in the morning here when I wrote this...sorry...)

Dennis (stclaire@...)
the Philippines

1695. Re: [icomr75] ECSS method on IC-718

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-29 21:35:09 UTC
From: Dave
Topic: 1694 Message: 1695

Sure. 1 Hz res. stable oscillators should tune AM as if SSB just fine
----- Original Message -----
From: dmcbohol
To: icomr75@yahoogroups.com
Sent: Wednesday, May 29, 2002 22:43
Subject: [icomr75] ECSS method on IC-718

May 29, 2002

Hello everyone !

It's already been said that the IC-718 has a comparable performance
with the IC-R75 as a receiver. My question is : is the ECSS method
available/possible on the IC-718? I have not purchase any of the
radio yet so there is no way for me to find out/experiment. I'm still
undecided whether to buy the 718 or the R75 or both (",)

And is mounting/installing an internal ferrite bar antenna possible
for both radio for AM/MW BC operations?

thanks...

()"""() ZZzzzz...
(-.-)
(__)(__)

(it's very early in the morning here when I wrote this...sorry...)

Dennis (stclaire@...)
the Philippines

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To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

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[Non-text portions of this message have been removed]

1696. Re[2]: [icomr75] TK75 v 3 vs Smart Icom32

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-29 23:09:37 UTC
From: Marv Loopstra
Topic: 1691 Message: 1696

Hello Mark,

Group,
MJF> Also, if the radio is set to communicate at a 19.2k serial rate
MJF> you should need no more than a pacing value of about 30 or 40.....
I have mine set at 20 at 19200 and it is just wonderful!
Runs well at 30 as well!
It's a great program, runs very well with absolutly no problems.
And Mark is VERY patient when it comes to product support :-)
Marv

1697. Re: Re[2]: [icomr75] TK75 v 3 vs Smart Icom32

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-30 09:53:17 UTC
From: Simone Meggiato
Topic: 1691 Message: 1697

Hi,

> It's a great program, runs very well with absolutly no problems.
> And Mark is VERY patient when it comes to product support :-)

Really?? Perhaps after you have payed the licence...

Saluti,

Simone Meggiato
ICQ: 10073514
HomePage: www.simonemeggiato.it
Online dal 1991

1698. Re[4]: [icomr75] TK75 v 3 vs Smart Icom32

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-30 14:07:31 UTC
From: Marv Loopstra
Topic: 1691 Message: 1698

Hello Simone,
Found on the home page for his software:

" FineWare has discontinued providing free and unlimited
support to unregistered users. The shareware license requires
that if you are evaluating a shareware version for longer than 60 days,
you must register to continue using it."

I had no problem with purchasing his program, It is well worth it. And
as low on the income ladder as I am, I didn't even have to go into debt
to do it. Besides, I don't know about you but I certainly don't work
for free. I suspect Mark's time is worth something as well.

Hmmm interesting idea, actually building a business by charging for
ones products and services.....we'll have to work on that.
I know, we can call it "Capitalism"!

Marv

1699. Re: ECSS method on IC-718

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-30 14:41:55 UTC
From: njlar
Topic: 1694 Message: 1699

You could probably do it, but as the R75 is completely enclosed in a steel case, I don't think it would work very well. What exactly are you trying to accomplish?

--- In icomr75@y..., "dmcbohol" <stclaire@n...> wrote:
> May 29, 2002
>
> Hello everyone !
...
> And is mounting/installing an internal ferrite bar antenna possible
> for both radio for AM/MW BC operations?
>
> thanks...
>
> ()"""() ZZzzzz...
> (-.-)
> (__)(__)
>
> (it's very early in the morning here when I wrote this...sorry...)
>
> Dennis (stclaire@n...)
> the Philippines

1700. Re: [icomr75] Digest Number 392

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-30 15:35:00 UTC
From: Garrett Wilt
Topic: 1700 Message: 1700

It should be noted that the R75 is much more sensitive on the MW or
BCB band then the 718 is. This may be a deciding factor for you if your
primary interest is BCB/MW Dxing. As is the case most HF transceivers have
the BCB band intentionally attenuated. I own both of these radios and
believe me this does make quite a difference. Otherwise, the HF spectrums
are nearly identical in terms of sensitivity and selectviity.
Also, the NB on the R75 seems to be much more effective then the one in the
718.

Regards,
Gary
W2GJW

>
>Message: 4
> Date: Wed, 29 May 2002 21:43:29 -0000
> From: "dmcbohol" <stclaire@...>
>Subject: ECSS method on IC-718
>
>May 29, 2002
>
>Hello everyone !
>
>It's already been said that the IC-718 has a comparable performance
>with the IC-R75 as a receiver. My question is : is the ECSS method
>available/possible on the IC-718? I have not purchase any of the
>radio yet so there is no way for me to find out/experiment. I'm still
>undecided whether to buy the 718 or the R75 or both (",)
>
>And is mounting/installing an internal ferrite bar antenna possible
>for both radio for AM/MW BC operations?
>
>thanks...
>
> ()"""() ZZzzzz...
> (-.-)
> (__)(__)
>
> (it's very early in the morning here when I wrote this...sorry...)
>
>Dennis (stclaire@...)
>the Philippines
>

Get your FREE download of MSN Explorer at http://explorer.msn.com/intl.asp.

1701. Re: ECSS method on IC-718

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-31 05:43:45 UTC
From: rsakabu
Topic: 1694 Message: 1701

I would not put a ferrite bar in the radio. I would instead get something like a Select-a-tenna with the wire terminals for MW DXing. The basic model inductively couples with a ferrite bar antenna with no physical connections. This wouldn't work with your 718/R-75, the next model up has terminals. Radio Shack sells something similar, but I don't recall whether it has terminal hook ups or not.

You could also build a MW loop antenna out of a cardboard box, a roll of magnet or wire-wrap wire and a variable capacitor salvaged from a junk radio. The performance is excellent, but the cosmetics is not as neat :)

73
Roy
AD6ZU

--- In icomr75@y..., "njlar" <nospam4russell@c...> wrote:
> You could probably do it, but as the R75 is completely enclosed in
a
> steel case, I don't think it would work very well. What exactly are
> you trying to accomplish?
>
> --- In icomr75@y..., "dmcbohol" <stclaire@n...> wrote:
> > May 29, 2002
> >
> > Hello everyone !
> ...
> > And is mounting/installing an internal ferrite bar antenna
possible
> > for both radio for AM/MW BC operations?
> >
> > thanks...
> >
> > ()""""() ZZzzzz...
> > (-.-)
> > (__)(__)
> >
> > (it's very early in the morning here when I wrote
this...sorry...)
> >
> > Dennis (stclaire@n...)
> > the Philippines

1702. Invitation to join AA0BY Global Hams...Nice Site

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-05-31 23:41:43 UTC
From: regularguy01
Topic: 1702 Message: 1702

I really like the way you set up your page.
I would also like to invite you all to join AA0BY's Global Hams. This group is for the purpose of discussing anything related to amateur radio: contests, DX, ragchewing, awards chasing, etc.
We have bookmarks for members to view and you may also contribute to this link posting. We also have a files page, a chatroom, a calendar that you can add events to, and a photo page which you may also add photos to. You may also place your eyeball QSL card in our database, as well as for sale and wanted items. I invite you to post to our site if you have a topic you want to discuss.
Please join us and enjoy the group !
73,
Larry, AA0BY

http://groups.yahoo.com/group/aa0bysglobalhams

1703. RE: [icomr75] Re: R75 Filter Setup

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-01 19:23:18 UTC
From: Ed Pusey
Topic: 1562 Message: 1703

Friends:

I remember seeing some time ago some good advice on R-75 filter settings, but of course that was before I started paying attention. I am primarily an SSB & RTTY UTE listener. In addition to the standard FL-272 2.4 KHz filter, I also have installed FL-232 Narrow CW 350Hz and FL-52-A Narrow CW 455 KHz. My reading of the R-75 manual only confuses me. I know the mechanics of how to set the filters, but do not have a clue about which settings to select for W/M/N, nor which are the optimal settings for SSB, RTTY, etc.

I have also begun using Bob Parnass' Tk-75 software -- works great by the way, on my Windows ME -- which has made filter selections so much easier to confuse. The permutations and combinations short circuit a simple mind like mine.

Any recommendations or references? Thanks muchly!

Ed Pusey

1704. Re: ECSS method on IC-718

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-01 22:09:16 UTC
From: radiohighfreq
Topic: 1694 Message: 1704

Like the Select-A-Tenna Model # 541-M:
The Radio Shack AM Loop Antenna and
and the Terk AM Advantage Antenna both
have a connector for a direct wired output
to a receiver's high impedance inputs.
The SAT gives about 3-5 db more gain
across the AM BCB Band then the clones.

m2cw ~ RHF
.
.
.
--- In icomr75@y..., "rsakabu" <rsakabu@p...> wrote:
> I would not put a ferrite bar in the radio. I would instead get
> something like a Select-a-tenna with the wire terminals for MW
> DXing. The basic model inductively couples with a ferrite bar
> antenna with no physical connections. This wouldn't work with your
> 718/R-75, the next model up has terminals. Radio Shack sells
> something similar, but I don't recall whether it has terminal hook
> ups or not.
>
> You could also build a MW loop antenna out of a cardboard box, a
roll
> of magnet or wire-wrap wire and a variable capacitor salvaged from a
> junk radio. The performance is excellent, but the cosmetics is not
> as neat :)
>
> 73
> Roy
> AD6ZU
>
> --- In icomr75@y..., "njlar" <nospam4russell@c...> wrote:
> > You could probably do it, but as the R75 is completely enclosed in
> a
> > steel case, I don't think it would work very well. What exactly
are
> > you trying to accomplish?
> >
> > --- In icomr75@y..., "dmcbohol" <stclaire@n...> wrote:
> > > May 29, 2002
> > >
> > > Hello everyone !
> > ...
> > > And is mounting/installing an internal ferrite bar antenna
> possible

> > > for both radio for AM/MW BC operations?
> > >
> > > thanks...
> > >
> > > ()""""() ZZzzzz...
> > > (-.-)
> > > (__)(__)
> > >
> > > (it's very early in the morning here when I wrote
> this...sorry...)
> > >
> > > Dennis (stclaire@n...)
> > > the Philippines

1705. AM Loop Antennas ?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-01 22:19:05 UTC
From: radiohighfreq
Topic: 1705 Message: 1705

Is anyone in this group using
any of these Commercial "AM"
Loop Antennas with the R75:

* Kiwa "Pocket" Loop ?

* Torus-Tuner Loop ?

* Quantum QX Loop ?

What are your Results and Opinions
on their AM Band Performance ?

~ RHF

1706. Re: [icomr75] AM Loop Antennas ?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-02 05:53:20 UTC
From: David Rogers
Topic: 1705 Message: 1706

Good question -- and how about the Radio Shack model also?

David, WA7ZYQ

----- Original Message -----
From: "radiohighfreq" <rhf-mail@...>
To: <icomr75@yahoogroups.com>
Sent: Saturday, June 01, 2002 3:19 PM
Subject: [icomr75] AM Loop Antennas ?

> Is anyone in this group using
> any of these Commercial "AM"
> Loop Antennas with the R75:
>
> * Kiwa "Pocket" Loop ?
>
> * Torus-Tuner Loop ?
>
> * Quantum QX Loop ?
>
> What are your Results and Opinions
> on their AM Band Performance ?
>
> ~ RHF

1707. New R-75 Owner: Icom Software - What are your thoughts?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-02 16:34:09 UTC
From: llklodt
Topic: 1707 Message: 1707

Greetings! I just purchased an Icom R-75 and was wondering what I should buy next? I was thinking of the control software? How do you like it? Your comments good or bad are welcomed! Thanks in advance!

LARRY - KC0HBB

1708. Re: AM Loop Antennas ?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-02 16:57:12 UTC
From: just_rtfm
Topic: 1705 Message: 1708

RHF:

maybe these links will help...

http://members.aol.com/RKDX/Equipment.html?mtbrand=AOL_US

http://www.frontiernet.net/~jadale/Loop.htm

phil :)

1709. Re: AM Loop Antennas ?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-02 18:25:27 UTC
From: atagrasin
Topic: 1705 Message: 1709

--- In icomr75@y..., "radiohighfreq" <rhf-mail@u...> wrote:
> Is anyone in this group using
> any of these Commercial "AM"
> Loop Antennas with the R75:
>
> * Kiwa "Pocket" Loop ?
>
> * Torus-Tuner Loop ?
>
> * Quantum QX Loop ?
HI RHF:I have the kiwa loop and a homebrew K9AY and in the past I tested the "Justice AM" ant[from ccrane.com]and I tested the Radio shack loop here my report:
1.The best indoor AM ant is the Kiwa loop[not the pocket]
2.The best outdoor and all AM ants is the K9AY [you can check it in www.aytechnologies.com no too expensive about $180.00.
3.The justice am ant [only $99.00]is very good and look very PRO.You can try one and ccrane give you 30 days money back warranty.
4.The RS loop work good and the price is fine.
5.I never see a quantum QX but some reports give this one, a near kiwa, performance.
Why Kiwa loop?Super sensitive and super null and selective performance.The K9AY is for Pro serious dixing but is an outdoor loop [You need about 30 feet yard].The Justice is the best for the price and the radio shack do a good work and is beatiful in any shack [remember it have 30 days money back too]Only my two cents I have a R-75 and this is my findings:Atagrasin

1710. R75 Executive

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-02 23:31:52 UTC
From: John M Gedde
Topic: 1710 Message: 1710

Just a heads up to you all. My R75 Executive softare is still progressing, but due to a malfunction in my R75, it has slowed greatly....

I have the required parts on order from Icom and Digikey to get it up and running again.

Regards,
John Gedde

1712. Rat Shack loop antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-04 03:37:34 UTC
From: jim_hack
Topic: 1712 Message: 1712

How do you use it with the 75?
I tried plugging in the leads from the loop's external jack to the ant and ground connections on my R75. It wouldn't pull in a thing on MW. It seems to make a big difference when inductively coupled to my DX-398 and YB-400. It also does absolutley nothing with my R-2, also.

1713. Re: Rat Shack loop antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-05 03:23:22 UTC
From: radiohighfreq
Topic: 1712 Message: 1713

JH,

Of the three low priced AM Loop Antennas; the Radio Shack Loop Antenna (RSLA) is at the bottom, in the middle is the Terk, and at the Top is the Select-A-Tenna. All three are basically small 10" to 12" loop antennas.

The Output of the RSLA is 300 Onhms. So it should be hooked up to the two high impedance terminals of the R75. NOTE: Make sure that you have "ANT 2" Selected for Reception on the R75.

The RSLA should be placed 2-3 Feet away from the R75 and away from any metal objects. Place it on a Lazy Susan so it can be rotated for Signal Peaking and Null Checking or vice versa.

Here in OK-Land, Cali-4-Ni-A (SF Bay Area) With the RSLA Tuneing Knob set at mid range: All my major local AM Stations read S-9 to 10db; with the RSLA positioned N-S or E-W.

With the antenna feed line disconnected from the RSLA; but connected to the R75; reception was not possible. Basic Antenna Check: Is the Antenna working or is the 'Feed Line' working as an Antenna.

A 'Small" Loop Antenna does not produce a large signal output. But it does produce a low noise to signal ratio, that can be Peaked and Nulled.

Frequently Loop Antenna users will employ a Low Noise Pre-Amplifier to Boost the Loop's signal. The Advatage of using a Loop Antenna with the R75 is we have Two Pre-Amplifiers Built-In to our receivers.

From here in OK-Land, Cali-4-Ni-A
I used Three AM Dial Signal Check Points for the RSLA:

Low Point - 580 AM - KMJ
Fresno, CA ~ 160 Miles ~ South East

Mid Point - 1080 AM - KSCO
Santa Cruz, CA ~ 70 Miles ~ South

High Point - 1530 AM - KFBK
Sacramento, CA ~ 80 Miles ~ North East

Simply Positioning the RSLA and Tuning it for Peak Signal, produced a low S-1 to S-3 readable signal on average.

With Pre-Amp #1 switched in the signal level when to S-3 to S-5 on average and very readable.

With the second Pre-Amp #2 switched on the signal level then when to
S-6 to S-9 on average; with a clear copy.

Consider making a Larger 'Home Made' Loop Antenna they would gererally
produce greater signal levels: 2 Ft about 3-5 bd and 4 Ft about
6-10 db.

Suggest a double check of your set-up and a retry of thr RSLA.

~ RHF
.
.
.
--- In icomr75@y..., "jim_hack" <jim_hack@y...> wrote:
> How do you use it with the 75?
> I tried plugging in the leads from the loop's external jack to the
> ant and ground connections on my R75. It wouldn't pull in a thing on
> MW. It seems to make a big difference when inductively coupled to my
> DX-398 and YB-400. It also does absolutley nothing with my R-2,
also.

1714. Re: Rat Shack loop antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-05 04:16:00 UTC
From: jim_hack
Topic: 1712 Message: 1714

Geez, I can pull in MW stations from MUCH farther away than the ones you mentioned with my 60ft random wire. I get stations from Arizonz, Wash, Oregon, Idaho, New Mexico, several from Nevada, and once pulled in a station from Texas. I DID have the R-75 on ant 2 when trying it out. May just be because I live in an aluminum mobile home. Although, like I stated previously, my yb400 and dx398 benefit from it's use. (inductively coupled) I'll play around with it some more and see if I cqan't get it to do SOMETHING on the R75.

--- In icomr75@y..., "radiohighfreq" <rhf-mail@u...> wrote:
> JH,
>
> Of the three low priced AM Loop Antennas; the Radio Shack Loop
> Antenna (RSLA) is at the bottom, in the middle is the Terk, and at
the
> Top is the Select-A-Tenna. All three are basically small 10" to
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> loop antennas.
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> with the RSLA positioned N-S or E-W.
>
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connected
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>
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it
> does produce a low noise to signal ratio, that can be Peaked and
> Nulled.
>

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> Boost the Loop's signal. The Advatage of using a Loop Antenna with
> the R75 is we have Two Pre-Amplifiers Built-In to our receivers.
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> From here in OK-Land, Cali-4-Ni-A
> I used Three AM Dial Signal Check Points for the RSLA:
>
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> Fresno, CA ~ 160 Miles ~ South East
>
> Mid Point - 1080 AM - KSCO
> Santa Cruz, CA ~ 70 Miles ~ South
>
> High Point - 1530 AM - KFBK
> Sacramento, CA ~ 80 Miles ~ North East
>
> Simply Positioning the RSLA and Tuning it for Peak Signal, produced
a
> low S-1 to S-3 readable signal on average.
>
> With Pre-Amp #1 switched in the signal level when to S-3 to S-5 on
> average and very readable.
>
> With the second Pre-Amp #2 switched on the signal level then when
to
> S-6 to S-9 on average; with a clear copy.
>
> Consider making a Larger 'Home Made' Loop Antenna they would
gererally
> produce greater signal levels: 2 Ft about 3-5 bd and 4 Ft about
> 6-10 db.
>
> Suggest a double check of your set-up and a retry of thr RSLA.
>
> ~ RHF
> .
> .
> .
> --- In icomr75@y..., "jim_hack" <jim_hack@y...> wrote:
> > How do you use it with the 75?
> > I tried plugging in the leads from the loop's external jack to
the
> > ant and ground connections on my R75. It wouldn't pull in a thing
on
> > MW. It seems to make a big difference when inductively coupled to
my
> > DX-398 and YB-400. It also does absolutley nothing with my R-2,
> also.

1715. Re: Rat Shack loop antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-05 12:41:10 UTC
From: njlar
Topic: 1712 Message: 1715

True, but you have no way of nulling-out an interfering signal.

--- In icomr75@y..., "jim_hack" <jim_hack@y...> wrote:
> Geez, I can pull in MW stations from MUCH farther away than the
ones
> you mentioned with my 60ft random wire. I get stations from
Arizonz,
> Wash, Oregon, Idaho, New Mexico, several from Nevada, and once
pulled
> in a station from Texas. I DID have the R-75 on ant 2 when trying
it
> out. May just be because I live in an aluminum mobile home.
Although,
> like I stated previously, my yb400 and dx398 benefit from it's use.
> (inductively coupled) I'll play around with it some more and see if
I
> cqan't get it to do SOMETHING on the R75.
>
>
>
> --- In icomr75@y..., "radiohighfreq" <rhf-mail@u...> wrote:
> > JH,
> >
> > Of the three low priced AM Loop Antennas; the Radio Shack Loop
> > Antenna (RSLA) is at the bottom, in the middle is the Terk, and
at
> the
> > Top is the Select-A-Tenna. All three are basically small 10" to
> 12"
> > loop antennas.
> >
> > The Output of the RSLA is 300 Onhms. So it should be hooked up
to
> the
> > two high impedance terminals of the R75. NOTE: Make sure that
you
> > have "ANT 2" Selected for Reception on the R75.
> >
> > The RSLA should be placed 2-3 Feet away from the R75 and away
from
> any
> > metal objects. Place it on a Lazy Susan so it can be rotated for
> > Signal Peaking and Null Checking or vice versa.
> >
> > Here in OK-Land, Cali-4-Ni-A (SF Bay Area) With the RSLA Tuneing

> Knob
> > set at mid range: All my major local AM Stations read S-9 to
10db;
> > with the RSLA positioned N-S or E-W.
> >
> > With the antenna feed line disconnected from the RSLA; but
> connected
> > to the R75; reception was not possible. Basic Antenna Check: Is
> the
> > Antenna working or is the 'Feed Line' working as an Antenna.
> >
> > A 'Small" Loop Antenna does not produce a large signal output.
But
> it
> > does produce a low noise to signal ratio, that can be Peaked and
> > Nulled.
> >
> > Frequently Loop Antenna users will employ a Low Noise Pre-
Amplifier
> to
> > Boost the Loop's signal. The Advatage of using a Loop Antenna
with
> > the R75 is we have Two Pre-Amplifiers Built-In to our receivers.
> >
> > From here in OK-Land, Cali-4-Ni-A
> > I used Three AM Dial Signal Check Points for the RSLA:
> >
> > Low Point - 580 AM - KMJ
> > Fresno, CA ~ 160 Miles ~ South East
> >
> > Mid Point - 1080 AM - KSCO
> > Santa Cruz, CA ~ 70 Miles ~ South
> >
> > High Point - 1530 AM - KFBK
> > Sacramento, CA ~ 80 Miles ~ North East
> >
> > Simply Positioning the RSLA and Tuning it for Peak Signal,
produced
> a
> > low S-1 to S-3 readable signal on average.
> >
> > With Pre-Amp #1 switched in the signal level when to S-3 to S-5
on
> > average and very readable.
> >
> > With the second Pre-Amp #2 switched on the signal level then when
> to
> > S-6 to S-9 on average; with a clear copy.
> >
> > Consider making a Larger 'Home Made' Loop Antenna they would

> gererally
> > produce greater signal levels: 2 Ft about 3-5 bd and 4 Ft
about
> > 6-10 db.
> >
> > Suggest a double check of your set-up and a retry of thr RSLA.
> >
> > ~ RHF
> > .
> > .
> > .
> > --- In icomr75@y..., "jim_hack" <jim_hack@y...> wrote:
> > > How do you use it with the 75?
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> the
> > > ant and ground connections on my R75. It wouldn't pull in a
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> on
> > > MW. It seems to make a big difference when inductively coupled
to
> my
> > > DX-398 and YB-400. It also does absolutley nothing with my R-2,
> > also.

1716. Re: Rat Shack loop antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-05 20:09:21 UTC
From: radiohighfreq
Topic: 1712 Message: 1716

* Njlar,
.
Yes, you are Correct: Peaking and Nulling are a key feature of using a loop antenna. The Radio Shack Loop at 10" is very small for use as a Stand-A-Lone loop antenna; but a good size for a portable radio 'coupling loop'. Naturally, a Larger 2'-4' homemade Loop would perform much better that Radio Shack, Terk and SAT as a Stand-A-Lone indoor loop antenna.
.
* Jim Hack,
.
The information I provided you was from my notes. What I did not identify was that these test were done "Mid-Day" using the Radio Shack AM Loop. Naturally an Out Side 60' Random Wire Antenna as you have reported would bring more distant stations. Plus, if you live in an aluminum mobile home, then any outside antenna would be far superior to an indoor antenna.
.
You may wish to consider the "Hula Hoop" Loop Antenna that is described on the Hard Core DX WebSite.
http://www.hard-core-dx.com/nordicdx/antenna/loop/hulaloop.html
Mounting it on a long pole out side and about 3'-4' above the roof and 3'-4' away from your moble home may prove to be an interesting home project and provide improved selective MW reception.
.
mkia ~ RHF
.
.
--- In icomr75@y..., "njlar" <nospam4russell@c...> wrote:
> True, but you have no way of nulling-out an interfering signal.
>
> --- In icomr75@y..., "jim_hack" <jim_hack@y...> wrote:
> > Geez, I can pull in MW stations from MUCH farther away than the
> ones
> > you mentioned with my 60ft random wire. I get stations from
> Arizonz,
> > Wash, Oregon, Idaho, New Mexico, several from Nevada, and once
> pulled
> > in a station from Texas. I DID have the R-75 on ant 2 when trying
> it
> > out. May just be because I live in an aluminum mobile home.
> Although,
> > like I stated previously, my yb400 and dx398 benefit from it's
use.
> > (inductively coupled) I'll play around with it some more and see

if
> I
> > cqan't get it to do SOMETHING on the R75.
> >
> >
> >
> > --- In icomr75@y..., "radiohighfreq" <rhf-mail@u...> wrote:
> > > JH,
> > >
> > > Of the three low priced AM Loop Antennas; the Radio Shack Loop
> > > Antenna (RSLA) is at the bottom, in the middle is the Terk, and
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> > the
> > > Top is the Select-A-Tenna. All three are basically small 10" to
> > 12"
> > > loop antennas.
> > >
> > > The Output of the RSLA is 300 Onhms. So it should be hooked up
> to
> > the
> > > two high impedance terminals of the R75. NOTE: Make sure that
> you
> > > have "ANT 2" Selected for Reception on the R75.
> > >
> > > The RSLA should be placed 2-3 Feet away from the R75 and away
> from
> > any
> > > metal objects. Place it on a Lazy Susan so it can be rotated
for
> > > Signal Peaking and Null Checking or vice versa.
> > >
> > > Here in OK-Land, Cali-4-Ni-A (SF Bay Area) With the RSLA
Tuneing
> > Knob
> > > set at mid range: All my major local AM Stations read S-9 to
> 10db;
> > > with the RSLA positioned N-S or E-W.
> > >
> > > With the antenna feed line disconnected from the RSLA; but
> > connected
> > > to the R75; reception was not possible. Basic Antenna Check: Is
> > the
> > > Antenna working or is the 'Feed Line' working as an Antenna.
> > >
> > > A 'Small" Loop Antenna does not produce a large signal output.
> But
> > it
> > > does produce a low noise to signal ratio, that can be Peaked and
> > > Nulled.
> > >

> > > Frequently Loop Antenna users will employ a Low Noise Pre-
> Amplifier
> > to
> > > Boost the Loop's signal. The Advatage of using a Loop Antenna
> with
> > > the R75 is we have Two Pre-Amplifiers Built-In to our receivers.

> > >
> > > From here in OK-Land, Cali-4-Ni-A
> > > I used Three AM Dial Signal Check Points for the RSLA:
> > >
> > > Low Point - 580 AM - KMJ
> > > Fresno, CA ~ 160 Miles ~ South East
> > >
> > > Mid Point - 1080 AM - KSCO
> > > Santa Cruz, CA ~ 70 Miles ~ South
> > >
> > > High Point - 1530 AM - KFBK
> > > Sacramento, CA ~ 80 Miles ~ North East
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> > > Simply Positioning the RSLA and Tuning it for Peak Signal,
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> > a
> > > low S-1 to S-3 readable signal on average.
> > >
> > > With Pre-Amp #1 switched in the signal level when to S-3 to S-5
> on
> > > average and very readable.
> > >
> > > With the second Pre-Amp #2 switched on the signal level then
when
> > to
> > > S-6 to S-9 on average; with a clear copy.
> > >
> > > Consider making a Larger 'Home Made' Loop Antenna they would
> > gererally
> > > produce greater signal levels: 2 Ft about 3-5 bd and 4 Ft
> about
> > > 6-10 db.
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> > > Suggest a double check of your set-up and a retry of thr RSLA.
> > >
> > > ~ RHF
> > > .
> > > .
> > > .
> > > --- In icomr75@y..., "jim_hack" <jim_hack@y...> wrote:
> > > > How do you use it with the 75?
> > > > I tried plugging in the leads from the loop's external jack to
> > the

> > > > ant and ground connections on my R75. It wouldn't pull in a
> thing
> > on
> > > > MW. It seems to make a big difference when inductively coupled
> to
> > my
> > > > DX-398 and YB-400. It also does absolutley nothing with my
R-2,
> > > also.

1717. r75 filters

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-05 23:44:28 UTC
From: samsons51au
Topic: 1717 Message: 1717

hello group i have a r75 could any one help me with filters.
i have bought two filters icom FL52A and FL103.
could you tell me what is the best setting for these filters in the
setup for LSB, USB,RTTY, RTTY REV,AM AMS FM the book is hopeless.I
need to know what is the best
setting for these 2 filters.Please explane the setting procedure.

thanking kindley group
samson

1718. RE: [icomr75] r75 filters

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-06 01:39:49 UTC
From: Ed Pusey
Topic: 1717 Message: 1718

Samson,

I posted a similar request a few days concerning the FL-232 Narrow CW 350Hz and FL-52-A Narrow CW 455 KHz, but haven't received any feedback yet. I'm sure some of our more experienced users have the "answers," but just haven't sat down to figure out just what they are using themselves. If I get anything back, I'll make sure to share it with you. In the interim, I'm go to try what everyone else probably has had to do - pick a known freq and signal type and try multiple options/filter settings until I can figure out what the best ones are. Hope to hear from you again on this.

Yours,

Ed Pusey

-----Original Message-----
From: samsons51au [mailto:samsons51@...]
Sent: Wednesday, June 05, 2002 7:44 PM
To: icomr75@yahoogroups.com
Subject: [icomr75] r75 filters

hello group i have a r75 could any one help me with filters.
i have bought two filters icom FL52A and FL103.
could you tell me what is the best setting for these filters in the setup for LSB, USB,RTTY, RTTY REV,AM AMS FM the book is hopeless.I need to know what is the best
setting for these 2 filters.Please explane the setting procedure.

thanking kindley group
samson

To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

Your use of Yahoo! Groups is subject to the Yahoo!
<http://docs.yahoo.com/info/terms/> Terms of Service.

[Non-text portions of this message have been removed]

1719. Re: Rat Shack loop antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-06 06:11:53 UTC
From: jim_hack
Topic: 1712 Message: 1719

Yes, I refering to evening hours for my reception on the 60 ft. wire.

--- In icomr75@y..., "radiohighfreq" <rhf-mail@u...> wrote:
> * Njlar,
> .
> Yes, you are Correct: Peaking and Nulling are a key feature of
using a
> loop antenna. The Radio Shack Loop at 10" is very small for use as
a
> Stand-A-Lone loop antenna; but a good size for a portable radio
> 'coupling loop'. Naturally, a Larger 2'-4' homemade Loop would
> perform much better that Radio Shack, Terk and SAT as a Stand-A-
Lone
> indoor loop antenna.
> .
> * Jim Hack,
> .
> The information I provided you was from my notes. What I did not
> identify was that these test were done "Mid-Day" using the Radio
Shack
> AM Loop. Naturally an Out Side 60' Random Wire Antenna as you have
> reported would bring more distant stations. Plus, if you live in
an
> aluminum mobile home, then any outside antenna would be far
superior
> to an indoor antenna.
> .
> You may wish to consider the "Hula Hoop" Loop Antenna that is
> described on the Hard Core DX WebSite.
> http://www.hard-core-dx.com/nordicdx/antenna/loop/hulaloop.html
> Mounting it on a long pole out side and about 3'-4' above the roof
and
> 3'-4' away from your moble home may prove to be an interesting home
> project and provide improved selective MW reception.
> .
> mkia ~ RHF
> .
> .
> --- In icomr75@y..., "njlar" <nospam4russell@c...> wrote:
> > True, but you have no way of nulling-out an interfering signal.
> >
> > --- In icomr75@y..., "jim_hack" <jim_hack@y...> wrote:
> > > Geez, I can pull in MW stations from MUCH farther away than the
> > ones
> > > you mentioned with my 60ft random wire. I get stations from

> > Arizonz,
> > > Wash, Oregon, Idaho, New Mexico, several from Nevada, and once
> > pulled
> > > in a station from Texas. I DID have the R-75 on ant 2 when
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> > it
> > > out. May just be because I live in an aluminum mobile home.
> > Although,
> > > like I stated previously, my yb400 and dx398 benefit from it's
> use.
> > > (inductively coupled) I'll play around with it some more and
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> if
> > I
> > > cqan't get it to do SOMETHING on the R75.
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> > >
> > >
> > > --- In icomr75@y..., "radiohighfreq" <rhf-mail@u...> wrote:
> > > > JH,
> > > >
> > > > Of the three low priced AM Loop Antennas; the Radio Shack
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> > > > Antenna (RSLA) is at the bottom, in the middle is the Terk,
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> > at
> > > the
> > > > Top is the Select-A-Tenna. All three are basically small 10"
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> > > 12"
> > > > loop antennas.
> > > >
> > > > The Output of the RSLA is 300 Onhms. So it should be hooked
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> > to
> > > the
> > > > two high impedance terminals of the R75. NOTE: Make sure
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> > you
> > > > have "ANT 2" Selected for Reception on the R75.
> > > >
> > > > The RSLA should be placed 2-3 Feet away from the R75 and away
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> > > any
> > > > metal objects. Place it on a Lazy Susan so it can be rotated
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> > > > Signal Peaking and Null Checking or vice versa.
> > > >
> > > > Here in OK-Land, Cali-4-Ni-A (SF Bay Area) With the RSLA
> Tuneing

> > > Knob
> > > > set at mid range: All my major local AM Stations read S-9 to
> > 10db;
> > > > with the RSLA positioned N-S or E-W.
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> > > > With the antenna feed line disconnected from the RSLA; but
> > > connected
> > > > to the R75; reception was not possible. Basic Antenna Check:
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> > > the
> > > > Antenna working or is the 'Feed Line' working as an Antenna.
> > > >
> > > > A 'Small" Loop Antenna does not produce a large signal
output.
> > But
> > > it
> > > > does produce a low noise to signal ratio, that can be Peaked
and
> > > > Nulled.
> > > >
> > > > Frequently Loop Antenna users will employ a Low Noise Pre-
> > Amplifier
> > > to
> > > > Boost the Loop's signal. The Advatage of using a Loop
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> > with
> > > > the R75 is we have Two Pre-Amplifiers Built-In to our
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> > > >
> > > > From here in OK-Land, Cali-4-Ni-A
> > > > I used Three AM Dial Signal Check Points for the RSLA:
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> > > > Low Point - 580 AM - KMJ
> > > > Fresno, CA ~ 160 Miles ~ South East
> > > >
> > > > Mid Point - 1080 AM - KSCO
> > > > Santa Cruz, CA ~ 70 Miles ~ South
> > > >
> > > > High Point - 1530 AM - KFBK
> > > > Sacramento, CA ~ 80 Miles ~ North East
> > > >
> > > > Simply Positioning the RSLA and Tuning it for Peak Signal,
> > produced
> > > a
> > > > low S-1 to S-3 readable signal on average.
> > > >
> > > > With Pre-Amp #1 switched in the signal level when to S-3 to S-
5
> > on

> > > > average and very readable.
> > > >
> > > > With the second Pre-Amp #2 switched on the signal level then
> when
> > > to
> > > > S-6 to S-9 on average; with a clear copy.
> > > >
> > > > Consider making a Larger 'Home Made' Loop Antenna they would
> > > gererally
> > > > produce greater signal levels: 2 Ft about 3-5 bd and 4 Ft
> > about
> > > > 6-10 db.
> > > >
> > > > Suggest a double check of your set-up and a retry of thr RSLA.
> > > >
> > > > ~ RHF
> > > > .
> > > > .
> > > > .
> > > > --- In icomr75@y..., "jim_hack" <jim_hack@y...> wrote:
> > > > > How do you use it with the 75?
> > > > > I tried plugging in the leads from the loop's external jack
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> > > the
> > > > > ant and ground connections on my R75. It wouldn't pull in a
> > thing
> > > on
> > > > > MW. It seems to make a big difference when inductively
coupled
> > to
> > > my
> > > > > DX-398 and YB-400. It also does absolutley nothing with my
> R-2,
> > > > also.

1720. Re: r75 filters

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-08 04:06:22 UTC
From: just_rtfm
Topic: 1717 Message: 1720

hello!

how about using these setups (9MHz and 455 kHz respectively)...

for Samson...

2.8 kHz and 6.0 kHz (ECSS)
2.4 kHz and 2.4 kHz (SSB)
2.4 kHz and 500 Hz (CW)

for Ed...
2.4 kHz and 2.4 kHz (SSB)
350 Hz and 500 Hz (CW)

2.4 kHz and 500 Hz (CW wide?) -OR-
15 kHz and 6.0 kHz (ECSS fine tuning)

i believe my cookbook in the files section goes over setting the
filters.

phil :)

1721. Ground Connection

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-08 14:15:00 UTC
From: Bob Barr
Topic: 1721 Message: 1721

I just moved my R-75 to a new location. I don't have access to a cold water pipe or a ground rod. The only ground connection I am near is the ground on electrical outlets. My question is - how important is it to have the ground terminal on the radio connected to a ground? Is a wire connected to the outlet cover plate screw acceptable? I am sure others have this same situation and I am wondering what your experience is. Since my scanner doesn't have a ground terminal I wonder how necessary it is anyway? For reference, the power supply is plugged into a TrippLite Isobar surge and noise suppressor and my antenna is an attic mounted random wire fed thru a Palomar balun and coax to the radio.

Thanks for your help.

Regards,

Bob

1722. Scanning

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-08 18:20:09 UTC
From: Moxie3
Topic: 1722 Message: 1722

Hi everyone! This is my first post so please bear with me. I just purchased my R75 and can't get the scanning to stop at any station. The scan resume mode is set to ON, and no matter which position the squelch knob is in, scanning never stops. The only way for me to stop scanning is to press the scan button or turn the squelch knob. Does anyone know what I'm not doing right? I searched the archives but I couldn't find a message with the same issues I have. Thanks,

[Non-text portions of this message have been removed]

1723. Re: Scanning

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-08 19:18:34 UTC
From: just_rtfm
Topic: 1722 Message: 1723

hi Moxie3:

you need to set the squelch knob to the right of 12 o'clock. for
scanning tips see my cookbook pdf in the file section.

phil :)

1724. Re: Scanning

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-08 20:26:05 UTC
From: sweeper4u2002
Topic: 1722 Message: 1724

IT WORKS! Why didn't the manual say that? Thanks a bunch. BTW,
what does VFO stand for? I guess you now know I'm a rookie at this

. --- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> hi Moxie3:
>
> you need to set the squelch knob to the right of 12 o'clock. for
> scanning tips see my cookbook pdf in the file section.
>
> phil :)

1725. Free DSP

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-08 21:25:54 UTC
From: sgm_tim
Topic: 1725 Message: 1725

I received my Free UT106 DSP today. The invoice was dated 18 March. I've installed it and it works great. For those still waiting on their DSP, hopefully ICOM now has enough on hand to fill all the back orders.

1726. Re: Scanning

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-08 23:04:19 UTC
From: just_rtfm
Topic: 1722 Message: 1726

i believe VFO stands for variable frequency oscillator. if you're new
the cookbook has a lot of tips you will find useful.

phil :)

1727. Re: Free DSP

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-08 23:21:56 UTC
From: jim_hack
Topic: 1725 Message: 1727

About freakin' time.
I was getting close to becoming upset...

--- In icomr75@y..., "sgm_tim" <sgmtim@i...> wrote:
> I received my Free UT106 DSP today. The invoice was dated 18
March.
> I've installed it and it works great. For those still waiting on
> their DSP, hopefully ICOM now has enough on hand to fill all the
back
> orders.

1728. Re: [icomr75] Free DSP

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-09 09:19:53 UTC
From: E de Jong
Topic: 1725 Message: 1728

Is there any possibility European IC-R75 owners can join in getting a free DSP?
Maybe directly via Icom?

Ed de Jong
Balk. The Netherlands
URL: http://beam.to/galact
E-mail: ed@... <mailto:ed@...> (default)

_____
{The night hides a world but unveils a universe}

----- Original Message -----
From: sgm_tim
To: icomr75@yahoogroups.com
Sent: Saturday, June 08, 2002 11:25 PM
Subject: [icomr75] Free DSP

I received my Free UT106 DSP today. The invoice was dated 18 March.
I've installed it and it works great. For those still waiting on
their DSP, hopefully ICOM now has enough on hand to fill all the back
orders.

To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

1729. Re: [icomr75] Free DSP

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-09 20:08:03 UTC
From: Don
Topic: 1725 Message: 1729

Just got my DSP as well, dated 20 March.
--
Don
--
-
CAKE001 CASF024 CA6CYF KHN3161 NAMA471
N33d42m W117d59m DM13AQ UTC -7 hrs

1730. Re: Free DSP

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-10 04:37:43 UTC
From: jim_hack
Topic: 1725 Message: 1730

That's it! I've had it!!!
If I don't get mine tomorrow, I'll.....
just have to wait till it gets here.

--- In icomr75@y..., Don <dtmknsn@d...> wrote:
> Just got my DSP as well, dated 20 March.
> --
> Don
> --
> -
> CAKE001 CASF024 CA6CYF KHN3161 NAMA471
> N33d42m W117d59m DM13AQ UTC -7 hrs

1731. Re: Ground Connection

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-10 13:58:38 UTC
From: njlar
Topic: 1721 Message: 1731

Well, mine is not grounded either, BUT, my coax is grounded outside directly to an 8' ground rod with an inline surge suppressor, and the radio is connected to the coax through a grounding antenna switch which is left in the grounding (the antenna, not the radio) position when the radio is not in use. For good measure, I also disconnect the radio from the antenna switch when the weather is threatening or I'm gone for a while. I believe hooking the ground terminal to the ground rod would actually be counterproductive, because if the antenna did take a direct hit, since no ground is perfect, the radio would take a hit through the ground connection, vs now it's usually totally isolated from the outside world duriing a thunderstorm. But this is theory - I haven't had an actual experience.

--- In icomr75@y..., "Bob Barr" <bbarr@s...> wrote:
> I just moved my R-75 to a new location. I don't have access to a cold water
> pipe or a ground rod. The only ground connection I am near is the ground on
> electrical outlets. My question is - how important is it to have the ground
> terminal on the radio connected to a ground? Is a wire connected to the
> outlet cover plate screw acceptable? I am sure others have this same
> situation and I am wondering what your experience is. Since my scanner
> doesn't have a ground terminal I wonder how necessary it is anyway? For
> reference, the power supply is plugged into a TrippLite Isobar surge and
> noise suppressor and my antenna is an attic mounted random wire fed thru a
> Palomar balun and coax to the radio.
>
> Thanks for your help.
>
> Regards,
>
> Bob

1732. Re: Ground Connection

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-10 21:01:49 UTC
From: sweeper4u2002
Topic: 1721 Message: 1732

--- In icomr75@y..., "njlar" <nospam4russell@c...> wrote:
> Well, mine is not grounded either, BUT, my coax is grounded outside
> directly to an 8' ground rod with an inline surge suppressor, and
the
> radio is connected to the coax through a grounding antenna switch
> which is left in the grounding (the antenna, not the radio)
position
> when the radio is not in use. For good measure, I also disconnect
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> radio from the antenna switch when the weather is threatening or
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> rod would actually be counterproductive, because if the antenna did
> take a direct hit, since no ground is perfect, the radio would take
a
> hit through the ground connection, vs now it's usually totally
> isolated from the outside world duriing a thunderstorm. But this is
> theory - I haven't had an actual experience.
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> > Thanks for your help.

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> > Regards,
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1733. Unplug AC Adapter When Not In Use?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-10 22:12:12 UTC
From: Moxie3
Topic: 1733 Message: 1733

Does anyone know whether you should unplug the AC adapter when the unit is not in use? I ask because the Sony I had recommended that the AC adapter be unplugged when the radio is not being used. There isn't a recommendation to unplug it in the ICOM manual.

George

[Non-text portions of this message have been removed]

1734. Re: [icomr75] Unplug AC Adapter When Not In Use?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-10 21:14:32 UTC
From: Bruce Jensen
Topic: 1733 Message: 1734

It helps to save on electric bills if you unplug it.
It certainly can't hurt.

Bruce Jensen
****
--- Moxie3 <moxie3@...> wrote:
> Does anyone know whether you should unplug the AC
> adapter when the unit is not in use? I ask because
> the Sony I had recommended that the AC adapter be
> unplugged when the radio is not being used. There
> isn't a recommendation to unplug it in the ICOM
> manual.
>
> George
>
>
> [Non-text portions of this message have been
> removed]
>
>

=====
Bruce Jensen, associate of:
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

Do You Yahoo!?
Yahoo! - Official partner of 2002 FIFA World Cup
http://fifaworldcup.yahoo.com

1735. Re: [icomr75] Digest Number 401

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-10 21:42:47 UTC
From: Mark Harper
Topic: 1735 Message: 1735

>
> Message: 1
> Date: Sun, 9 Jun 2002 11:19:53 +0200
> From: "E de Jong" <ed@...>
> Subject: Re: Free DSP
>
> Is there any possibility European IC-R75 owners can join in getting a free DSP?
> Maybe directly via Icom?
>
> Ed de Jong

Hiya

Have to agree with Ed - Can European owners get a DSP for free - and whats the criteria ?, I'm guessing my 2 yr old 75 won't be elligible

Mark

1736. Re: [icomr75] Re: Ground Connection

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-11 06:18:27 UTC
From: Todd Gaine
Topic: 1721 Message: 1736

A ground is definitely an essential part of an antenna system. Your antenna, wherever it may be sited, picks up stray signals (interference). Your receiver has filters which send this interference to ground/the chassis of the receiver. If you have no ground connected, the interference stays in the receiver.

But a ground is not any part of an AC wall socket! Nor is it a flimsy wire to an earth spike 5m away.

Ground wires must be substantial and offer a good surface area (RF travels on the surface of a conductor) which is why the proper type is wide copper strap (50mm or 100mm upwards if around transmitters)

Ground wires must travel the shortest distance possible, offer the biggest surface area, be the best conductor and end in an earth spike which offers the biggest surface area, is a good conductor and has a good connection between the two (preferable soldered). The spike must be in ground offering good conductivity. if not.water the area every few days.

Simplified, but close enough to the ideal.

Todd
----- Original Message -----
From: sweeper4u2002
To: icomr75@yahoogroups.com
Sent: Monday, June 10, 2002 11:01 PM
Subject: [icomr75] Re: Ground Connection

--- In icomr75@y..., "njlar" <nospam4russell@c...> wrote:
> Well, mine is not grounded either, BUT, my coax is grounded outside
> directly to an 8' ground rod with an inline surge suppressor, and
the
> radio is connected to the coax through a grounding antenna switch
> which is left in the grounding (the antenna, not the radio)
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> hit through the ground connection, vs now it's usually totally
> isolated from the outside world duriing a thunderstorm. But this is
> theory - I haven't had an actual experience.
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> --- In icomr75@y..., "Bob Barr" <bbarr@s...> wrote:
> > I just moved my R-75 to a new location. I don't have access to a
> cold water
> > pipe or a ground rod. The only ground connection I am near is the
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> > reference, the power supply is plugged into a TrippLite Isobar
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> > noise suppressor and my antenna is an attic mounted random wire
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> > Palomar balun and coax to the radio.
> >
> > Thanks for your help.
> >
> > Regards,
> >
> > Bob

I was informed by an experienced DXer and ICOM that a ground is necessary even though the antenna is in the attic. The DXer also stated that the ground also improves reception. My antenna is connected to the spring loaded connection as is my ground wire. When I'm not using the unit, I disconnect the antenna wire but not the ground - I guess I could disconnect both but I don't see an advantage of do so. I also unplug the power when the unit is not in use even though it is connected to a surge protector.

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[Non-text portions of this message have been removed]

1737. Trade For R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-12 10:28:01 UTC
From: dewayne48
Topic: 1737 Message: 1737

I have the following to trade for a late, MINT Icom R75 w/DSP unit:

Like new Uniden Bearcat 3000XLT w/telescoping antenna and case,
barely used.
Sony 7600G VG cond.
Sony AN-LP1 purchased new recently

Would also throw in a Sony 7600GR w/Sony PS in excellent cond. if
you have an R75 with all the Kiwa mods. No scratched items please.

DeWayne KE9K

1738. Re: Trade For R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-12 10:32:15 UTC
From: dewayne48
Topic: 1737 Message: 1738

--- In icomr75@y..., "dewayne48" <ke9k@i...> wrote:
> I have the following to trade for a late, MINT Icom R75 w/DSP unit:
>
> Like new Uniden Bearcat 3000XLT w/telescoping antenna and case,
> barely used.
> Sony 7600G VG cond.
> Sony AN-LP1 purchased new recently
>
> Would also throw in a Sony 7600GR w/Sony PS in excellent cond. if
> you have an R75 with all the Kiwa mods. No scratched items please.
>
> DeWayne KE9K

Correction, the Bearcat is a UBC 3000XLT, the unblocked version w/ps.
DeWayne

1739. Re: [icomr75] Re: Ground Connection

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-12 12:59:19 UTC
From: Moxie3
Topic: 1721 Message: 1739

Todd, thanks for the info. I have 2 questions: 1.) What gauge wire do you recommend attaching to the spring loaded connection? 2.) If lightning strikes at or near a ground rod, can the voltage follow the ground wire to the receiver and damage it or would the voltage dissipate into the ground?
George
----- Original Message -----
From: Todd Gaine
To: icomr75@yahoogroups.com
Sent: Tuesday, June 11, 2002 1:18 AM
Subject: Re: [icomr75] Re: Ground Connection

A ground is definitely an essential part of an antenna system. Your antenna, wherever it may be sited, picks up stray signals (interference). Your receiver has filters which send this interference to ground/the chassis of the receiver. If you have no ground connected, the interference stays in the receiver.

But a ground is not any part of an AC wall socket! Nor is it a flimsy wire to an earth spike 5m away.

Ground wires must be substantial and offer a good surface area (RF travels on the surface of a conductor) which is why the proper type is wide copper strap (50mm or 100mm upwards if around transmitters)

Ground wires must travel the shortest distance possible, offer the biggest surface area, be the best conductor and end in an earth spike which offers the biggest surface area, is a good conductor and has a good connection between the two (preferable soldered). The spike must be in ground offering good conductivity. if not.water the area every few days.

Simplified, but close enough to the ideal.

Todd
----- Original Message -----
From: sweeper4u2002
To: icomr75@yahoogroups.com
Sent: Monday, June 10, 2002 11:01 PM
Subject: [icomr75] Re: Ground Connection

--- In icomr75@y..., "njlar" <nospam4russell@c...> wrote:
> Well, mine is not grounded either, BUT, my coax is grounded outside
> directly to an 8' ground rod with an inline surge suppressor, and
the
> radio is connected to the coax through a grounding antenna switch
> which is left in the grounding (the antenna, not the radio)
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> when the radio is not in use. For good measure, I also disconnect
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> hit through the ground connection, vs now it's usually totally
> isolated from the outside world duriing a thunderstorm. But this is
> theory - I haven't had an actual experience.
>
> --- In icomr75@y..., "Bob Barr" <bbarr@s...> wrote:
> > I just moved my R-75 to a new location. I don't have access to a
> cold water
> > pipe or a ground rod. The only ground connection I am near is the
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> > electrical outlets. My question is - how important is it to have
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> > terminal on the radio connected to a ground? Is a wire connected
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> > outlet cover plate screw acceptable? I am sure others have this
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anyway?
> For
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> surge and
> > noise suppressor and my antenna is an attic mounted random wire
fed
> thru a
> > Palomar balun and coax to the radio.
> >
> > Thanks for your help.
> >
> > Regards,
> >
> > Bob

I was informed by an experienced DXer and ICOM that a ground is
necessary even though the antenna is in the attic. The DXer also
stated that the ground also improves reception. My antenna is
connected to the spring loaded connection as is my ground wire. When
I'm not using the unit, I disconnect the antenna wire but not the
ground - I guess I could disconnect both but I don't see an advantage
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[Non-text portions of this message have been removed]

1740. Holes On Both Sides

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-12 13:02:10 UTC
From: Moxie3
Topic: 1740 Message: 1740

My new receiver has 2 large screw holes on each side (right & left side). I'm wondering whether these holes are supposed to have screws in them as the cabinet appears unfinished without the screws. Do all these units come without the screws?

George

[Non-text portions of this message have been removed]

1741. Re: [icomr75] Holes On Both Sides

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-12 12:18:31 UTC
From: Todd Gaine
Topic: 1740 Message: 1741

Those holes are for the vehicle mounting bracket.

Todd

----- Original Message -----
From: Moxie3
To: icomr75@yahoogroups.com
Sent: Wednesday, June 12, 2002 3:02 PM
Subject: [icomr75] Holes On Both Sides

My new receiver has 2 large screw holes on each side (right & left side). I'm wondering whether these holes are supposed to have screws in them as the cabinet appears unfinished without the screws. Do all these units come without the screws?

George

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

1742. Re: [icomr75] Re: Ground Connection

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-12 12:31:53 UTC
From: Todd Gaine
Topic: 1721 Message: 1742

Answers -

1) use as big a cable as you find practical. I'd recommend 50-100mm copper earthing strap (ugly and hard to work with, but the best) run to a point near the radio and then a short flexible lead to the Ant 2 earth. For the short lead, also use something substantial like braiding (shielding) off some co-ax. The more surface area the better.

2) I have no idea. I'd like to think the earth would do the job, but my gut tells me your radio might get fried too.

Todd

(PS - I'm no expert)

----- Original Message -----
From: Moxie3
To: icomr75@yahoogroups.com
Sent: Wednesday, June 12, 2002 2:59 PM
Subject: Re: [icomr75] Re: Ground Connection

Todd, thanks for the info. I have 2 questions: 1.) What gauge wire do you recommend attaching to the spring loaded connection? 2.) If lightning strikes at or near a ground rod, can the voltage follow the ground wire to the receiver and damage it or would the voltage dissipate into the ground?
George
----- Original Message -----
From: Todd Gaine
To: icomr75@yahoogroups.com
Sent: Tuesday, June 11, 2002 1:18 AM
Subject: Re: [icomr75] Re: Ground Connection

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Simplified, but close enough to the ideal.

Todd
----- Original Message -----
From: sweeper4u2002
To: icomr75@yahoogroups.com
Sent: Monday, June 10, 2002 11:01 PM
Subject: [icomr75] Re: Ground Connection

--- In icomr75@y..., "njlar" <nospam4russell@c...> wrote:
> Well, mine is not grounded either, BUT, my coax is grounded outside
> directly to an 8' ground rod with an inline surge suppressor, and
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1743. Re: Ground Connection

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-12 15:22:19 UTC
From: njlar
Topic: 1721 Message: 1743

What I've read is that NOTHING can withstand a direct lightning hit. But nearby hits (say a tree 100 feet away) can also damage your radio unless you ground it and put in a surge protector. Also, things that are grounded are less likely to be hit in the first place because the charge in the air is dissipated before it can build up high enough to ionize the air which is necessary before an actual strike can take place. That's why you should ground your antenna when not in use.

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Todd, thanks for the info. I have 2 questions: 1.) What gauge wire do you recommend attaching to the spring loaded connection? 2.) If lightning strikes at or near a ground rod, can the voltage follow the ground wire to the receiver and damage it or would the voltage dissipate into the ground?
> George
> ----- Original Message -----
> From: Todd Gaine
> To: icomr75@y...
> Sent: Tuesday, June 11, 2002 1:18 AM
> Subject: Re: [icomr75] Re: Ground Connection
>
>
> A ground is definitely an essential part of an antenna system. Your antenna, wherever it may be sited, picks up stray signals (interference). Your receiver has filters which send this interference to ground/the chassis of the receiver. If you have no ground connected, the interference stays in the receiver.
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> Simplified, but close enough to the ideal.
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> Todd
> ----- Original Message -----
> From: sweeper4u2002
> To: icomr75@y...
> Sent: Monday, June 10, 2002 11:01 PM
> Subject: [icomr75] Re: Ground Connection
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>
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> [Non-text portions of this message have been removed]

1744. Re: [icomr75] Holes On Both Sides

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-12 15:39:24 UTC
From: Bruce Jensen
Topic: 1740 Message: 1744

I think those are holes for mounting a carrying handle or a mobile mount.
Mine came without any screws filling them in.

Bruce Jensen
****
--- Moxie3 <moxie3@...> wrote:
> My new receiver has 2 large screw holes on each side (right & left
> side). I'm wondering whether these holes are supposed to have screws in
> them as the cabinet appears unfinished without the screws. Do all these
> units come without the screws?
>
> George
>
>
> [Non-text portions of this message have been removed]
>
>

=====
Cheers,
Bruce Jensen
~~~~~~~~~~~~
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

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http://fifaworldcup.yahoo.com
~~~~~~~~~~~~

1745. Re: [icomr75] Re: Ground Connection

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-12 15:40:38 UTC
From: Bruce Jensen
Topic: 1721 Message: 1745

--- njlar <nospam4russell@...> wrote:
> What I've read is that NOTHING can withstand a direct lightning hit.
> But nearby hits (say a tree 100 feet away) can also damage your radio
> unless you ground it and put in a surge protector. Also, things that
> are grounded are less likely to be hit in the first place because the
> charge in the air is dissipated before it can build up high enough to
> ionize the air which is necessary before an actual strike can take
> place. That's why you should ground your antenna when not in use.

Exactly. This is why lightning rods work - they do not attract lightning,
but rather dissipate the electrical energy efficiently before lightning
can strike.

Bruce Jensen
****
>
>
> --- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> > Todd, thanks for the info. I have 2 questions: 1.) What gauge
> wire do you recommend attaching to the spring loaded connection?
> 2.) If lightning strikes at or near a ground rod, can the voltage
> follow the ground wire to the receiver and damage it or would the
> voltage dissipate into the ground?
> > George
> > ----- Original Message -----
> > From: Todd Gaine
> > To: icomr75@y...
> > Sent: Tuesday, June 11, 2002 1:18 AM
> > Subject: Re: [icomr75] Re: Ground Connection
> >
> >
> > A ground is definitely an essential part of an antenna system.
> Your antenna, wherever it may be sited, picks up stray signals
> (interference). Your receiver has filters which send this
> interference to ground/the chassis of the receiver. If you have no
> ground connected, the interference stays in the receiver.
> >
> > But a ground is not any part of an AC wall socket! Nor is it a
> flimsy wire to an earth spike 5m away.
> >
> > Ground wires must be substantial and offer a good surface area
> (RF travels on the surface of a conductor) which is why the proper
> type is wide copper strap (50mm or 100mm upwards if around
> transmitters)
> >

> > Ground wires must travel the shortest distance possible, offer
> the biggest surface area, be the best conductor and end in an earth
> spike which offers the biggest surface area, is a good conductor and
> has a good connection between the two (preferable soldered). The
> spike must be in ground offering good conductivity. if not.water the
> area every few days.
> >
> > Simplified, but close enough to the ideal.
> >
> > Todd
> > ----- Original Message -----
> > From: sweeper4u2002
> > To: icomr75@y...
> > Sent: Monday, June 10, 2002 11:01 PM
> > Subject: [icomr75] Re: Ground Connection
> > >
> > >
> > > --- In icomr75@y..., "njlar" <nospam4russell@c...> wrote:
> > > > Well, mine is not grounded either, BUT, my coax is grounded
> outside
> > > > directly to an 8' ground rod with an inline surge suppressor,
> and
> > > the
> > > > radio is connected to the coax through a grounding antenna
> switch
> > > > which is left in the grounding (the antenna, not the radio)
> > > position
> > > > when the radio is not in use. For good measure, I also
> disconnect
> > > the
> > > > radio from the antenna switch when the weather is threatening
> or
> > > I'm
> > > > gone for a while. I believe hooking the ground terminal to
> the
> > > ground
> > > > rod would actually be counterproductive, because if the
> antenna did
> > > > take a direct hit, since no ground is perfect, the radio
> would take
> > > a
> > > > hit through the ground connection, vs now it's usually
> totally
> > > > isolated from the outside world duriing a thunderstorm. But
> this is
> > > > theory - I haven't had an actual experience.
> > > >
> > > > --- In icomr75@y..., "Bob Barr" <bbarr@s...> wrote:
> > > > > I just moved my R-75 to a new location. I don't have access
> to a

> > > cold water
> > > > pipe or a ground rod. The only ground connection I am near
> is the
> > > ground on
> > > > electrical outlets. My question is - how important is it to
> have
> > > the ground
> > > > terminal on the radio connected to a ground? Is a wire
> connected
> > to
> > > the
> > > > outlet cover plate screw acceptable? I am sure others have
> this
> > same
> > > > situation and I am wondering what your experience is. Since
> my
> > > scanner
> > > > doesn't have a ground terminal I wonder how necessary it is
> > anyway?
> > > For
> > > > reference, the power supply is plugged into a TrippLite
> Isobar
> > > surge and
> > > > noise suppressor and my antenna is an attic mounted random
> wire
> > fed
> > > thru a
> > > > Palomar balun and coax to the radio.
> > > >
> > > > Thanks for your help.
> > > >
> > > > Regards,
> > > >
> > > > Bob
> > >
> > I was informed by an experienced DXer and ICOM that a ground is
> > necessary even though the antenna is in the attic. The DXer
> also
> > stated that the ground also improves reception. My antenna is
> > connected to the spring loaded connection as is my ground
> wire. When
> > I'm not using the unit, I disconnect the antenna wire but not
> the
> > ground - I guess I could disconnect both but I don't see an
> advantage
> > of do so. I also unplug the power when the unit is not in use
> even
> > though it is connected to a surge protector.
> >
> >

> > Yahoo! Groups Sponsor
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> >
> >
> >
> >
> > To unsubscribe from this group, send an email to:
> > icomr75-unsubscribe@e...
> >
> >
> >
> > Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service.
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> > To unsubscribe from this group, send an email to:
> > icomr75-unsubscribe@e...
> >
> >
> >
> > Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service.
> >
> >
> >
> > [Non-text portions of this message have been removed]
>
>

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1746. RE: [icomr75] Re: Ground Connection

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-12 16:31:50 UTC
From: HFSSB
Topic: 1721 Message: 1746

Recent research has shown that the released potential formed before a lighting strike often goes from the ground up!

From http://thunder.msfc.nasa.gov/primer/primer2.html
"DESCRIPTION OF LIGHTNING DISCHARGE PROCESSES - With the initial breakdown of the air in a region of strong electric fields, a streamer may begin to propagate downward toward the Earth. It moves in discrete steps of about 50 meters each and is called a stepped leader. As it grows, it creates an ionized path depositing charge along the channel, and as the stepped leader nears the Earth, a large potential difference is generated between the end of the leader and the Earth. Typically, a streamer is launched from the Earth and intercepts the descending stepped leader just before it reaches the ground. Once a connecting path is achieved, a return stroke flies up the already ionized path at close to the speed of light. This return stroke releases tremendous energy, bright light and thunder. Occasionally, where a thunderstorm grows over a tall Earth grounded object, such as a radio antenna, an upward leader may propagate from the object toward the cloud. This "ground-to-cloud" flash generally transfers a net positive charge to Earth and is characterized by upward pointing branches. "

Hams out here in the SE USA where the cold and warm air masses often meet, have learned to disconnect BOTH ant and ground during a lighting storm. In fact, many Ham's do not use grounds at all! This only works if you have no RFI problems (usually only a problem during transmitting), it is still recommended to ground the ant. system.

Marty - KT4K

-----Original Message-----

> I was informed by an experienced DXer and ICOM that a ground is
> necessary even though the antenna is in the attic. The DXer
also
> stated that the ground also improves reception. My antenna is
> connected to the spring loaded connection as is my ground
wire. When
> I'm not using the unit, I disconnect the antenna wire but not
the
> ground - I guess I could disconnect both but I don't see an
advantage
> of do so. I also unplug the power when the unit is not in use
even
> though it is connected to a surge protector.
>
>

1747. Re: [icomr75] Re: Ground Connection

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-12 16:32:16 UTC
From: efricha@dimensional.com
Topic: 1721 Message: 1747

Bruce Jensen <bpnjensen@...> wrote:
>
> --- njlar <nospam4russell@...> wrote:
> > What I've read is that NOTHING can withstand a direct lightning hit.
> > But nearby hits (say a tree 100 feet away) can also damage your radio
> > unless you ground it and put in a surge protector. Also, things that
> > are grounded are less likely to be hit in the first place because the
> > charge in the air is dissipated before it can build up high enough to
> > ionize the air which is necessary before an actual strike can take
> > place. That's why you should ground your antenna when not in use.
>
> Exactly. This is why lightning rods work - they do not attract lightning,
> but rather dissipate the electrical energy efficiently before lightning
> can strike.
>
> Bruce Jensen
>

This is gonna start a flamewar, but...

...both assertions are incorrect. It not only is possible to protect
equipment against lightning strikes, it is done all the time at TV and
radio stations. Likewise, lightning rods do get hit. All the time.
Ask anyone with an old barn.

There are a lot of myths about lightning that should be debunked,
but because lightning behaves in an *apparantly* random way, the
myths persist. To protect your gear you need a complete lightning
protection system, encompassing all aspects of your gear. Anything
that bypasses your system, such as an extension cord, computer cable
or phone line, nullifies the whole system.

The best place to get building blocks for your system (suppressors, etc)
is Polyphaser. I use 'em, and they are truly incredibly high quality
devices.

www.polyphaser.com

They also publish a book called "The 'Grounds' for lightning and EMP
protection" which lays out how it is done. ICE engineering also has
products that are in the same quality range as PolyPhaser.

The most knowledgeable person on the 'net is a broadcast and lightning
and safety engineer named Gary Coffman. Use Google to search usenet
for all his postings on rec.radio.amateur.* -- worth reading.

Many web pages have collected his postings and you can use Google to find them as well.

The below excerpt is from the following page; more details can be found at the actual page:

http://www.harvardrepeater.org/news/lightning.html

(begin quote)

I assert, from personal and broadcast experience spanning 30 years, that you can design a system that will handle *direct lightning strikes* on a routine basis. It takes some planning and careful layout, but it's not hard, nor is it overly expensive. At WXIA-TV, my other job, we take direct lightning strikes nearly every time there's a thunderstorm. Our downtime from such strikes is almost non-existant. The last time we went down from a strike, it was due to a strike on the power company's lines knocking *them* out, and our local generator picked up the load 12 seconds later.

I have a 440 MHz repeater located at the 970 foot level of that tower, and it has suffered no lightning damage in 4 years of operation, though there are burn marks on the repeater antenna from direct strikes. As in the shoemaker's case where his own children are barefoot, I took $10,000 worth of damage to my home station from a direct hit 3 years ago. That was because I didn't practice what I *knew* were effective lightning protective methods. After redoing the station following the hit, I've taken at least two more direct strikes, maybe more since I'm not home for every storm. There was *no* damage from the first, and the second got a Radio Shack UHF preamp mounted on my UHF TV antenna, but *not* the TV in the house thanks to proper protection. I could have protected the preamp too, but it wasn't worth the effort. A new one is cheaper than the protective measures required.

Since my disasterous strike, I've been campaigning vigorously to educate amateurs that you *can* avoid damage from direct strikes. The belief that there's no protection from direct strike damage is *myth*. It's equally myth that a blitz bug and a piece of #12 wire will protect you from nearby strikes. In fact, if you install supressors *slightly* wrong, they can be worse than no protective measures at all. Let me repeat that since it's vitally important, incorrectly installed suppressors can be worse than no suppressors at all. The instructions that come with suppressors, if any, are woefully incomplete and misleading. Ask an expert, or even better, become an expert on the subject.

The keys to effective lightning protection are surprisingly simple, and surprisingly less than obvious. Of course you *must* have a single point ground system that eliminates all ground loops. And you must present a low *impedance* path for the energy to go. That's most generally a low *inductance* path rather than just a low ohm DC path. Lightning energy is RF, and incredible voltages can build up across very small inductors when we're dealing with thousands of amps of surge current. The surge is very brief, so huge bussbars aren't needed, but the protective conductors must be low impedance at the frequencies of interest.

(end quote)
--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

1748. RE: [icomr75] Re: Ground Connection

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-12 20:19:02 UTC
From: HFSSB
Topic: 1721 Message: 1748

Addendum:
You might say that antennas are designed from the ground up, literally. Good antenna design incorporates the ground as part of the antenna. A ground also allows a path for stray RF, but lightning protection... forget it. If you must have a continuous ground as in a broadcast station setup, than you better have the best grounding system possible but for us ordinary SWL/Ham folks the best lightning protection is to disconnect everything, power supply, ant. AND ground during a storm. When you hear thunder getting near, it's time to disconnect. As you can see from the discussion below, a ground gives built up "potential charges" a direct path to your equipment!

Marty

-----Original Message-----

Recent research has shown that the released potential formed before a lighting strike often goes from the ground up!

From http://thunder.msfc.nasa.gov/primer/primer2.html
"DESCRIPTION OF LIGHTNING DISCHARGE PROCESSES - With the initial breakdown of the air in a region of strong electric fields, a streamer may begin to propagate downward toward the Earth. It moves in discrete steps of about 50 meters each and is called a stepped leader. As it grows, it creates an ionized path depositing charge along the channel, and as the stepped leader nears the Earth, a large potential difference is generated between the end of the leader and the Earth. Typically, a streamer is launched from the Earth and intercepts the descending stepped leader just before it reaches the ground. Once a connecting path is achieved, a return stroke flies up the already ionized path at close to the speed of light. This return stroke releases tremendous energy, bright light and thunder. Occasionally, where a thunderstorm grows over a tall Earth grounded object, such as a radio antenna, an upward leader may propagate from the object toward the cloud. This "ground-to-cloud" flash generally transfers a net positive charge to Earth and is characterized by upward pointing branches. "

Hams out here in the SE USA where the cold and warm air masses often meet, have learned to disconnect BOTH ant and ground during a lighting storm. In fact, many Ham's do not use grounds at all! This only works if you have no RFI problems (usually only a problem during transmitting), it is still recommended to ground the ant. system.

1749. Frequency Response

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-12 22:35:56 UTC
From: Moxie3
Topic: 1749 Message: 1749

Since our receivers receive from .03 to 60 MHz, has anyone received voice in the LF range (.03 - .3 MHz) and the MF range (.3 - 3.0) other than local am radio stations? What about anything above 30 MHz?

George

[Non-text portions of this message have been removed]

1750. Re: [icomr75] Frequency Response

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-13 01:34:04 UTC
From: n4aiw@aol.com
Topic: 1749 Message: 1750

Down on the bottom you'll hear airport stuff if you live close enough. Above 30 the
old 49mhz telephone and the free com band. 50 to 54mhz the six meter ham band various modes. 54 to 56 mhz the channel 2 TV picture and sound, picture in am and
sound in FM the icom site has a pdf print out at the bottom of scroll.

1751. Re: Ground Connection

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-13 07:55:52 UTC
From: radiohighfreq
Topic: 1721 Message: 1751

Interesting Topic,
I would venture to say that three conditions exist.

1. Day to Day 'Protection' of the Receiver from Static Build-Up and EMF Discharges. First, Disconnect the Antenna when the receiver is not in use. HOW? Project "APC" Built an "Inline Antenna Protection Circuit" for the antenna ground system. WHAT? A Box with the following items in it. Starting at the Antenna Ground End: First, a 100K Ohm High-Z Bleed Resistor between Antenna and Ground; would help in bleeding off antenna static build-up. Then, a single Neon Bulb placed across the antenna and ground; would help to discharge any EMF Pulses picked up by the antenna. Followed by a 10 Ohm Dropping Resistor in the antenna and ground legs. Next, Two Sets of series connected 1N914 Diodes, these pairs are connected front-to-back; to limited signal input levels. Finally a DPDT switch on the receiver end, wired to connect the receiver to the antenna in one position and the other position disconnects the antenna from the receiver and shunts the antenna to ground. The advantage of this little box is: When the antenna is switched on to the receiver: the receiver is triple protected. When the antenna is disconnected from the receiver, the antenna is shunted to ground through the boxes internal circuit and static does not build-up on the antenna. Connecting a Free Floating Antenna (non grounded) that has 'built-up' a static charge to a modern solid state receiver can be a major Oops!

2. During a Thunder and Lightening Storm in your local area. Completely disconnecting the receiver from antenna and ground: Physically remove the connections. Unplugging the power input to the receiver, at the receiver. This effectively "Isolates" the receiver from all electrical connections and ground. Project "RFS" Build an RF Input 'Shorting Bar'. A 'Shorting Bar' can simply be made of a 3" piece of Bare Solid Copper Wire 16~18AWG bent to fit into and across the High-Z Terminals. Add a piece of 4" Insulated Stranded Copper Wired 16~18AWG and Strip both ends 3/4". Solder one end of the stranded wire to the center of the "Shorting Bar" and install a Banana Plug on the other end. How to Use It? Insert the 'Shorting Bar' into the two High Impedance Terminals and Banana Plug into the SO-239's center connector. This effectively 'Shunts' the RF Inputs of the receiver.

3. Direct Lightening Hit - Pray for Your Family and Self, Your Home and oh yes... the receiver.

One Mans Opinion ~ RHF
.
.

.
--- In icomr75@y..., "HFSSB" <ny6zmd@a...> wrote:
> Addendum:
> You might say that antennas are designed from the ground up,
literally. Good
> antenna design incorporates the ground as part of the antenna. A
ground also
> allows a path for stray RF, but lightning protection... forget it.
If you must
> have a continuous ground as in a broadcast station setup, than you
better have
> the best grounding system possible but for us ordinary SWL/Ham folks
the best
> lightning protection is to disconnect everything, power supply, ant.
AND ground
> during a storm. When you hear thunder getting near, it's time to
disconnect.
> As you can see from the discussion below, a ground gives built up
"potential
> charges" a direct path to your equipment!
>
> Marty
>
> -----Original Message-----
>
> Recent research has shown that the released potential formed before
a lighting
> strike often goes from the ground up!
>
> From http://thunder.msfc.nasa.gov/primer/primer2.html
> "DESCRIPTION OF LIGHTNING DISCHARGE PROCESSES - With the initial
breakdown of
> the air in a region of strong electric fields, a streamer may begin
to propagate
> downward toward the Earth. It moves in discrete steps of about 50
meters each
> and is called a stepped leader. As it grows, it creates an ionized
path
> depositing charge along the channel, and as the stepped leader nears
the Earth,
> a large potential difference is generated between the end of the
leader and the
> Earth. Typically, a streamer is launched from the Earth and
intercepts the
> descending stepped leader just before it reaches the ground. Once a
connecting
> path is achieved, a return stroke flies up the already ionized path
at close to
> the speed of light. This return stroke releases tremendous energy,
bright light

> and thunder. Occasionally, where a thunderstorm grows over a tall
Earth grounded
> object, such as a radio antenna, an upward leader may propagate from
the object
> toward the cloud. This "ground-to-cloud" flash generally transfers a
net
> positive charge to Earth and is characterized by upward pointing
branches. "
>
> Hams out here in the SE USA where the cold and warm air masses often
meet, have
> learned to disconnect BOTH ant and ground during a lighting storm.
In fact,
> many Ham's do not use grounds at all! This only works if you have
no RFI
> problems (usually only a problem during transmitting), it is still
recommended
> to ground the ant. system.

1752. Re: [icomr75] Re: Ground Connection

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-13 13:46:43 UTC
From: Eric F. Richards
Topic: 1721 Message: 1752

At 07:55 AM 6/13/2002 +0000, you wrote:
>Interesting Topic,

Yup. And either my posting was ignored as flamebait or dismissed
out-of-hand. So, let me jump in on this one again.

>I would venture to say that three conditions exist.
>
>1. Day to Day 'Protection' of the Receiver from Static Build-Up and
>EMF Discharges.

Yes, this is an issue, especially with end-fed wires -- random wires,
Beverages, longwires.

> First, Disconnect the Antenna when the receiver is not
>in use.

Well, yes, your receiver is safest in a Tempest box, then a Faraday cage,
then with shorting connectors on all inputs and outputs, but NOT just
disconnected. Why? You still can get differential currents across the
connectors if you get a direct strike.

> HOW? Project "APC" Built an "Inline Antenna Protection
>Circuit" for the antenna ground system. WHAT? A Box with the
>following items in it. Starting at the Antenna Ground End: First, a
> 100K Ohm High-Z Bleed Resistor between Antenna and Ground; would help
>in bleeding off antenna static build-up.

Always a good idea, but sometimes not necessary, for example if you have
an impedence matching transformer in your line, it will be a good static
drain. Furthermore, ICOM puts bleeder resisters across its antenna inputs.

> Then, a single Neon Bulb
>placed across the antenna and ground; would help to discharge any EMF
>Pulses picked up by the antenna.

A better choice is to use an actual gas-discharge tube. The only difference
is the energy handling capacity. The leads are heavier and the case is
ceramic, not glass. A near strike can vaporize the leads of that neon tube
but leave the gas-discharge tube alone.

Find a surplus house in your area. You *won't* find these at Rat Shack,
but I can get them by the handful for $0.50 each locally. Siemens is
usually the brand on them. These are the same tubes you find in MFJ and
Alpha-delta supressors, as well as ICE products.

> Followed by a 10 Ohm Dropping
>Resistor in the antenna and ground legs.

BAD, BAD idea. Keep your receiver at ground potential, always. If your receiver floats above ground, you walking around in low humidity can kill it by touching it. A better idea (for receive only) is to use a grain-of-wheat lamp in the center conductor. Or a 5kv, 0.01uF capacitor. (Higher capacitance if you like VLF, but 0.1uF is max needed.)

> Next, Two Sets of series
>connected 1N914 Diodes, these pairs are connected front-to-back; to
>limited signal input levels.

A caution on this. If you are driving that antenna with high signal levels, these WILL generate harmonics all over the place by mixing all the signals coming in. So if you are near a broadcast antenna, you may not want this. You can get around this by wiring your 4 diodes in series-parallel, like this,

```
+-->|-->|--+
+--|<--|<--+
```

Or using diodes with large drop voltages, or using zener diodes. I'm thinking about trying Transorbs as well to see how they do, but I don't know how they behave at RF.

> Finally a DPDT switch on the receiver
>end, wired to connect the receiver to the antenna in one position and
>the other position disconnects the antenna from the receiver and
>shunts the antenna to ground.

Not very effective against a direct strike. The inductances and loss across the contacts will result in a voltage differential of tens of thousands of volts. The switch would be sacrificial if it helps.

> The advantage of this little box is:
>When the antenna is switched on to the receiver: the receiver is
>triple protected. When the antenna is disconnected from the receiver,
> the antenna is shunted to ground through the boxes internal circuit
>and static does not build-up on the antenna. Connecting a Free
>Floating Antenna (non grounded) that has 'built-up' a static charge to
>a modern solid state receiver can be a major Oops!

On that we agree. I can run a string of 20 neon lamps off a 140 foot wire here in CO when clouds are overhead.

>2. During a Thunder and Lightening Storm in your local area.
>Completely disconnecting the receiver from antenna and ground:
>Physically remove the connections. Unplugging the power input to the
>receiver, at the receiver. This effectively "Isolates" the receiver
>from all electrical connections and ground. Project "RFS" Build an RF
>Input 'Shorting Bar'. A 'Shorting Bar' can simply be made of a 3"
>piece of Bare Solid Copper Wire 16~18AWG bent to fit into and across
>the High-Z Terminals. Add a piece of 4" Insulated Stranded Copper
>Wired 16~18AWG and Strip both ends 3/4". Solder one end of the
>stranded wire to the center of the "Shorting Bar" and install a Banana

>Plug on the other end. How to Use It? Insert the 'Shorting Bar'
>into the two High Impedance Terminals and Banana Plug into the
>SO-239's center connector. This effectively 'Shunts' the RF Inputs of
>the receiver.

This in fact would be highly effective, but no less effective than gas-tubes
while connected to the antenna.

>3. Direct Lightening Hit - Pray for Your Family and Self, Your Home
>and oh yes... the receiver.

This is where we differ the most.

If you are worried about a direct hit on your house, get lightning rods
installed properly. DO NOT get those anti-lightning brushes. They don't
work. Along that same line, believe it or not, a rounded tip on the
lightning rod is more effective than a sharp one.

If you are worried about a strike on your antenna and its ramifications
for your home, use a good lightning protection system. The system will
consist of a ground window (where every conductor going to and from your
radio gear will go through a quality supressor), a ground system, the
supressors, and the conductors to tie the grounds together. If you buy
suppressors, use Polyphaser or ICE. If you want to build your own, you
can use inductors and MOVs for phone lines and power lines, and Siemens
gas tubes and high-voltage capacitors for the antenna. The cap goes in
series with the center conductor, the gas tube goes between the antenna
side of the capacitor and the coax-shield, which must be grounded.

All supressors must be mounted on the ground window.

The conductors to the grounding system should be flat copper strap, not
braid. Surface area is what counts, so a relatively small strap is more
effective than a large solid wire. The important thing is that they be
as short as possible without introducing any sharp bends; you need a
low impedence (low resistance AND low inductance) ground. At a lightning
strike's rise time, current and voltage, a tall rack acts like an inductor
sufficient to have several thousand volts differential between top and
bottom.

And differential currents are what you are most concerned about. If you
get a direct strike you *will* have your equipment be 10s of thousands
of volts above ground potential but if it all rises and falls at the same
time at that potential, there's no problem.

The final part of your system, the ground system, is most misunderstood.
One ground rod doesn't cut it. You usually want a ground system consisting
of multiple 8 ft. rods spaced at least 16 ft. apart, radiating out from the
point where you tie into the system, all interconnected by strap.

Well now, just suppose, by some bizarre theory, that you can't afford to do
all this, or that you find it to be overkill. Not that anyone would find
that to be true, of course... :-)

Where to start: Make a ground window. Tie your supressors to it. ALL lines that go to your station equipment must go through these supressors. One extension cord or data cable that doesn't defeats everything.

If you can't buy supressors, build them as I described above with the gas tube and the high voltage cap for the antenna lines, MOVs for everything else. Open a high quality suppressor like APC or Panamax to see how they do it, then do the same thing on your ground windor, or mount a metal-cased one to your ground window. (The ground window is a sheet of steel or copper.)

Then get conductors to your ground rod.

Then add ground rods.

If you are using an antenna (like an end-fed wire) that works against ground and needs a matching transformer, put a gas tube across it there.

You *can* do it, one piece at a time, and get there safely.

Just DON'T bypass a suppressor for one cable. You'll regret it.

DON'T let your receiver float above ground.

Some cheap suppressors by big-name manufacturers connect a gas tube to the center conductor of a coax but don't connect to ground. DON'T USE THEM! They actually INCREASE the risk for your equipment, since the lightning pulse travels at different speeds through the center conductor and the shield of a coax, you will clamp down on one and let the other pass, creating a bigger differential current.

DON'T use solder -- it will explode into vapor (just like water) when a strike occurs, blowing your connection apart. (In the ground system, I mean.)

Sharp bends in your ground lines are inductors. Inductors are a bad thing in your ground system...

This is a pic of a rack full of antique and irreplaceable (to me) equipment. The ground window is at the top. Note the strap mounting brackets, and that no strap is mounted in them. (Bad me -- no donut!) That was addressed and fixed.

This is at table mountain, north of Boulder, CO, in the control room for a 60 foot diameter dish that stands a good 150 feet up, and is the highest object in about a 3 mile radius. Think we never get hit????

http://www.dimensional.com/~efricha/My_story/rack.jpg

>One Mans Opinion ~ RHF

Ditto. Hope you bothered to read it. I'd hate to have written it for nothing...

--
Eric F. Richards

efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

1753. Re: [icomr75] Re: Ground Connection

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-13 14:50:27 UTC
From: Moxie3
Topic: 1721 Message: 1753

How do you ground a straight wire antenna installed in an attic and connected directly to the spring loaded connection on the back of the receiver?

George
----- Original Message -----
From: radiohighfreq
To: icomr75@yahoogroups.com
Sent: Thursday, June 13, 2002 2:55 AM
Subject: [icomr75] Re: Ground Connection

Interesting Topic,
I would venture to say that three conditions exist.

1. Day to Day 'Protection' of the Receiver from Static Build-Up and EMF Discharges. First, Disconnect the Antenna when the receiver is not in use. HOW? Project "APC" Built an "Inline Antenna Protection Circuit" for the antenna ground system. WHAT? A Box with the following items in it. Starting at the Antenna Ground End: First, a 100K Ohm High-Z Bleed Resistor between Antenna and Ground; would help in bleeding off antenna static build-up. Then, a single Neon Bulb placed across the antenna and ground; would help to discharge any EMF Pulses picked up by the antenna. Followed by a 10 Ohm Dropping Resistor in the antenna and ground legs. Next, Two Sets of series connected 1N914 Diodes, these pairs are connected front-to-back; to limited signal input levels. Finally a DPDT switch on the receiver end, wired to connect the receiver to the antenna in one position and the other position disconnects the antenna from the receiver and shunts the antenna to ground. The advantage of this little box is: When the antenna is switched on to the receiver: the receiver is triple protected. When the antenna is disconnected from the receiver, the antenna is shunted to ground through the boxes internal circuit and static does not build-up on the antenna. Connecting a Free Floating Antenna (non grounded) that has 'built-up' a static charge to a modern solid state receiver can be a major Oops!

2. During a Thunder and Lightening Storm in your local area. Completely disconnecting the receiver from antenna and ground: Physically remove the connections. Unplugging the power input to the receiver, at the receiver. This effectively "Isolates" the receiver from all electrical connections and ground. Project "RFS" Build an RF Input 'Shorting Bar'. A 'Shorting Bar' can simply be made of a 3" piece of Bare Solid Copper Wire 16~18AWG bent to fit into and across the High-Z Terminals. Add a piece of 4" Insulated Stranded Copper Wired 16~18AWG and Strip both ends 3/4". Solder one end of the stranded wire to the center of the "Shorting Bar" and install a Banana Plug on the other end. How to Use It? Insert the 'Shorting Bar'

into the two High Impedance Terminals and Banana Plug into the
SO-239's center connector. This effectively 'Shunts' the RF Inputs of
the receiver.

3. Direct Lightening Hit - Pray for Your Family and Self, Your Home
and oh yes... the receiver.

One Mans Opinion ~ RHF
.
.
.
--- In icomr75@y..., "HFSSB" <ny6zmd@a...> wrote:
> Addendum:
> You might say that antennas are designed from the ground up,
literally. Good
> antenna design incorporates the ground as part of the antenna. A
ground also
> allows a path for stray RF, but lightning protection... forget it.
If you must
> have a continuous ground as in a broadcast station setup, than you
better have
> the best grounding system possible but for us ordinary SWL/Ham folks
the best
> lightning protection is to disconnect everything, power supply, ant.
AND ground
> during a storm. When you hear thunder getting near, it's time to
disconnect.
> As you can see from the discussion below, a ground gives built up
"potential
> charges" a direct path to your equipment!
>
> Marty
>
> -----Original Message-----
>
> Recent research has shown that the released potential formed before
a lighting
> strike often goes from the ground up!
>
> From http://thunder.msfc.nasa.gov/primer/primer2.html
> "DESCRIPTION OF LIGHTNING DISCHARGE PROCESSES - With the initial
breakdown of
> the air in a region of strong electric fields, a streamer may begin
to propagate
> downward toward the Earth. It moves in discrete steps of about 50
meters each
> and is called a stepped leader. As it grows, it creates an ionized
path
> depositing charge along the channel, and as the stepped leader nears
the Earth,
> a large potential difference is generated between the end of the

leader and the
> Earth. Typically, a streamer is launched from the Earth and
intercepts the
> descending stepped leader just before it reaches the ground. Once a
connecting
> path is achieved, a return stroke flies up the already ionized path
at close to
> the speed of light. This return stroke releases tremendous energy,
bright light
> and thunder. Occasionally, where a thunderstorm grows over a tall
Earth grounded
> object, such as a radio antenna, an upward leader may propagate from
the object
> toward the cloud. This "ground-to-cloud" flash generally transfers a
net
> positive charge to Earth and is characterized by upward pointing
branches. "
>
> Hams out here in the SE USA where the cold and warm air masses often
meet, have
> learned to disconnect BOTH ant and ground during a lighting storm.
In fact,
> many Ham's do not use grounds at all! This only works if you have
no RFI
> problems (usually only a problem during transmitting), it is still
recommended
> to ground the ant. system.

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[Non-text portions of this message have been removed]

1754. Re: [icomr75] Re: Ground Connection

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-13 13:52:45 UTC
From: Eric F. Richards
Topic: 1721 Message: 1754

Following up on my own post:
> > Next, Two Sets of series
> >connected 1N914 Diodes, these pairs are connected front-to-back; to
> >limited signal input levels.
>
>A caution on this. If you are driving that antenna with high signal
>levels, these WILL generate harmonics all over the place by mixing all
>the signals coming in. So if you are near a broadcast antenna, you may
>not want this. You can get around this by wiring your 4 diodes in series-
>parallel, like this,
>
> +-->|-->|--+
> +--|<--|<--+
>
>Or using diodes with large drop voltages, or using zener diodes. I'm
>thinking about trying Transorbs as well to see how they do, but I don't
>know how they behave at RF.

A good choice of diode according to Tom, W8JI, is 1N4007, because they
don't start conducting until about 0.7 volt.

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

1755. Re: [icomr75] Re: Ground Connection

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-13 14:00:04 UTC
From: Eric F. Richards
Topic: 1721 Message: 1755

At 09:50 AM 6/13/2002 -0500, you wrote:
>How do you ground a straight wire antenna installed in an attic and
>connected directly to the spring loaded connection on the back of the receiver?
>
>George

In order of priority:

Gas tube across the clips.

Series-parallel diodes, 1N4007s, as described in my post.

100kohm resister across the clips.

High-voltage capacitor on the "red" clip between all the junk above on
the antenna side, and your radio.

```
-----+++---||---- (red on ICOM)
|||
v-\
-^/
Ant ||\
v-/
-^\
|||
-----+++--------- (black on ICOM)
```

(Hope you can follow the ASCII art. Use a monospace font to view.)

Don't worry about your antenna "attracting" lightning; that doesn't
happen, and if your antenna takes a direct hit, in the attic, you have
bigger worries than the ICOM. This will do for that situation.

I've never lost a piece of radio gear to lightning since doing all this
stuff. Before, yes. Now, nope.

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

1756. Re: [icomr75] Re: Ground Connection

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-13 15:17:48 UTC
From: Moxie3
Topic: 1721 Message: 1756

Eric,

Unfortunately, I'm very new at this stuff and have no clue about gas tubes, diodes, ohms, etc. Is there something that can be purchased which will have the same effect as what you described in your post?

Secondly, I live in Florida, known for daily lightning storms this time of year. Consequently, I will be disconnecting the power and the 2 wires (ground & antenna)going to the spring loaded connectors on the back of the receiver. Connecting these 2 wires and disconnecting them several times each day has become a hassle. Would you recommend some type of connector to join both wires like a 259 connector (I think that's the antenna connector number which goes to the receiver) so that it would be easier to connect & disconnect?

George
----- Original Message -----
From: Eric F. Richards
To: icomr75@yahoogroups.com
Sent: Thursday, June 13, 2002 9:00 AM
Subject: Re: [icomr75] Re: Ground Connection

At 09:50 AM 6/13/2002 -0500, you wrote:
>How do you ground a straight wire antenna installed in an attic and
>connected directly to the spring loaded connection on the back of the receiver?
>
>George

In order of priority:

Gas tube across the clips.

Series-parallel diodes, 1N4007s, as described in my post.

100kohm resister across the clips.

High-voltage capacitor on the "red" clip between all the junk above on
the antenna side, and your radio.

```
-----+++---||---- (red on ICOM)
|||
v-\
-^/
Ant ||\
v-/
-^\
|||
-----+++--------- (black on ICOM)
```

(Hope you can follow the ASCII art. Use a monospace font to view.)

Don't worry about your antenna "attracting" lightning; that doesn't happen, and if your antenna takes a direct hit, in the attic, you have bigger worries than the ICOM. This will do for that situation.

I've never lost a piece of radio gear to lightning since doing all this stuff. Before, yes. Now, nope.

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

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[Non-text portions of this message have been removed]

1757. Re: [icomr75] Re: Ground Connection

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-13 15:13:50 UTC
From: efricha@dimensional.com
Topic: 1721 Message: 1757

>
> Eric,
>
> Unfortunately, I'm very new at this stuff and have no clue about gas
> tubes, diodes, ohms, etc. Is there something that can be purchased
> which will have the same effect as what you described in your post?
>

George,

We all have to start somewhere, and "I don't know" is one of the most
intelligent things a person can say.

Unfortunately, from my experience, the people who build this type of
equipment target people using the coaxial (round) cables, rather than
the high-impedence connectors that you are using.

Now you *can* put a matching transformer with built-in protection
in place and just connect it to the low-impedence connector.

If you want to go that route...

Buy an ICE 180A. You can get them from cable-x-perts (www.cablexperts.com)
or eham.net, among other places. Do a google search to find vendors.

If you are into self-punishment, buy the ICE 182A from eham.net, like
I just did. It works well into VLF range, and costs the same as the
180A, but they are built on an order-by-order basis, and it can take a
while.

You would connect the ICE 180A to the ICOM by coaxial cable. A
PL259 to PL259 jumper cable would be what you'd use. The '180A
is a small aluminum box; you might want to set it on the floor.
A 6 ft. cable would be fine. You can also get that from
cable-x-perts; if you do that, get RG-8X, it is a very flexible
cable. The part number for their 6 ft jumper is CXP08XCB6.
(Go to www.cablexperts.com, click on "RF Cable Assemblies", click
on "Ready made coax cables (HF) and HT solutions")

Then you would set your ICOM to use Antenna 1 and tie everything
together. The coax and ICE would connect to the SO239 jack on the
back of the radio, the antenna would connect to one of the screws
on the ICE, the cable would connect the two. The ground screw
connects to ground, preferably the ground your surge suppressor
for the ICOM power supply is plugged into. This is pretty foolproof.

You would not need to disconnect your radio with this setup.

...
The other approach is to build. Here's where you get to play
easter-egg hunt. You also have to be willing to solder. I
actually wrote up part of what you needed to do and decided
it wasn't worth it in time or effort, so I suggest you do the
above, and then build a suppressor, after you are up on the
air, if you want to.

If you want to take the leap, say so, and I'll walk you through.

> Secondly, I live in Florida, known for daily lightning storms this
> time of year. Consequently, I will be disconnecting the power and
> the 2 wires (ground & antenna)going to the spring loaded connectors
> on the back of the receiver. Connecting these 2 wires and
> disconnecting them several times each day has become a hassle.
> Would you recommend some type of connector to join both wires
> like a 259 connector (I think that's the antenna connector number
> which goes to the receiver) so that it would be easier to connect
> & disconnect?

If you buy the ICE, you won't be using these connectors any more.
However, the thing to do is to use pin connectors designed for older
test meters. They used to come in pairs, spaced at the right spacing
for the two connectors, and you could just use the screws on the
connectors to tie your wires to them. The signle-pin connectors
which you can still find require soldering. You can still find
the double-connectors with "banana plugs" on them but they won't
fit.

BTW, I used to live in FL and now live on the CO front range, which
is second only to FL in lightning. I think it is worse here, though,
because the dry air makes static a major problem.

In my other posting, I mentioned Table Mtn and the fact that we
are the highest object around... any time a cloud passes overhead,
we get St. Elmo's Fire playing about all tall or sharp objects
around. Telephone poles, the dish itself, ham radio antennas.

>
> George

Good luck, and let me know what you decide to do!

Eric

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

1758. Re: [icomr75] Re: Ground Connection

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-13 19:15:31 UTC
From: Moxie3
Topic: 1721 Message: 1758

Eric,

Thanks for the in-depth information. Once I digest everything, I'll decide on one of your recommendations. If you don't mind, a few more basic questions:

1.) Are the high impedance connectors you referred to the spring loaded connectors on the back of the receiver, and the low impedance connector the PL239 on the receiver?

2.) What is a "matching transformer"? I think of a transformer as an electrical device as used with electric trains or by electricity companies.

3.) Is the ICE 180 & 182 a static suppressor?

4.) You mentioned that the ICE182 works well into the VLF range; I wouldn't think that a static suppressor, if it is one, would affect the radio's receipt of signals.

5.) Lastly, you mentioned that the "ground screw connects to ground, preferably the ground the surge protector that the Icom power supply is plugged into" - is the "ground screw" your referring to on the ICE? Also, my surge protector doesn't have a ground connection, it's an Isobar surge protector. This is what I plug the Icom power supply to. My present ground is to a cold water pipe.

Regards,
George

P.S. How long have you lived in Florida and Colorado?
----- Original Message -----
From: efricha@...
To: icomr75@yahoogroups.com
Cc: Eric F. Richards
Sent: Thursday, June 13, 2002 10:13 AM
Subject: Re: [icomr75] Re: Ground Connection

>
> Eric,
>
> Unfortunately, I'm very new at this stuff and have no clue about gas
> tubes, diodes, ohms, etc. Is there something that can be purchased
> which will have the same effect as what you described in your post?
>

George,

We all have to start somewhere, and "I don't know" is one of the most
intelligent things a person can say.

Unfortunately, from my experience, the people who build this type of
equipment target people using the coaxial (round) cables, rather than

the high-impedence connectors that you are using.

Now you *can* put a matching transformer with built-in protection
in place and just connect it to the low-impedence connector.

If you want to go that route...

Buy an ICE 180A. You can get them from cable-x-perts (www.cablexperts.com)
or eham.net, among other places. Do a google search to find vendors.

If you are into self-punishment, buy the ICE 182A from eham.net, like
I just did. It works well into VLF range, and costs the same as the
180A, but they are built on an order-by-order basis, and it can take a
while.

You would connect the ICE 180A to the ICOM by coaxial cable. A
PL259 to PL259 jumper cable would be what you'd use. The '180A
is a small aluminum box; you might want to set it on the floor.
A 6 ft. cable would be fine. You can also get that from
cable-x-perts; if you do that, get RG-8X, it is a very flexible
cable. The part number for their 6 ft jumper is CXP08XCB6.
(Go to www.cablexperts.com, click on "RF Cable Assemblies", click
on "Ready made coax cables (HF) and HT solutions")

Then you would set your ICOM to use Antenna 1 and tie everything
together. The coax and ICE would connect to the SO239 jack on the
back of the radio, the antenna would connect to one of the screws
on the ICE, the cable would connect the two. The ground screw
connects to ground, preferably the ground your surge suppressor
for the ICOM power supply is plugged into. This is pretty foolproof.

You would not need to disconnect your radio with this setup.

...
The other approach is to build. Here's where you get to play
easter-egg hunt. You also have to be willing to solder. I
actually wrote up part of what you needed to do and decided
it wasn't worth it in time or effort, so I suggest you do the
above, and then build a suppressor, after you are up on the
air, if you want to.

If you want to take the leap, say so, and I'll walk you through.

> Secondly, I live in Florida, known for daily lightning storms this
> time of year. Consequently, I will be disconnecting the power and
> the 2 wires (ground & antenna)going to the spring loaded connectors
> on the back of the receiver. Connecting these 2 wires and
> disconnecting them several times each day has become a hassle.
> Would you recommend some type of connector to join both wires
> like a 259 connector (I think that's the antenna connector number
> which goes to the receiver) so that it would be easier to connect
> & disconnect?

If you buy the ICE, you won't be using these connectors any more. However, the thing to do is to use pin connectors designed for older test meters. They used to come in pairs, spaced at the right spacing for the two connectors, and you could just use the screws on the connectors to tie your wires to them. The signle-pin connectors which you can still find require soldering. You can still find the double-connectors with "banana plugs" on them but they won't fit.

BTW, I used to live in FL and now live on the CO front range, which is second only to FL in lightning. I think it is worse here, though, because the dry air makes static a major problem.

In my other posting, I mentioned Table Mtn and the fact that we are the highest object around... any time a cloud passes overhead, we get St. Elmo's Fire playing about all tall or sharp objects around. Telephone poles, the dish itself, ham radio antennas.

>
> George

Good luck, and let me know what you decide to do!

Eric

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

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[Non-text portions of this message have been removed]

1759. Re: [icomr75] Re: Ground Connection

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-13 18:52:35 UTC
From: efricha@dimensional.com
Topic: 1721 Message: 1759

>
> Eric,
>
> 1.) Are the high impedance connectors you referred to the spring
> loaded connectors on the back of the receiver, and the low impedance
> connector the PL239 on the receiver?

Yes. The spring connectors have an impedence of 450 to 600 ohms and
the PL259 has an impedence of 50 ohms. Impedence is what you might
call an "apparant resistance" to the flow of electric current, made up
of true resistance, capacitive and inductive reactance. Eventually
you'll learn what all te words mean. I promise! :-)

>
> 2.) What is a "matching transformer"? I think of a transformer as
> an electrical device as used with electric trains or by
> electricity companies.

It is very similar, except in this case we're talking about a transformer
that works with radio frequency signals as well. Another, more technical
definition of impedance is voltage divided by current. An end-fed wire
usually presents a high impedance to whatever it is connected with. You
can connect it to a low-impedance feed, but a lot of the energy received
by antenna will be lost. The matching transformers' purpose is to maximize
energy transfer. Now it won't provide an exact match in this case, but
it will provide a better match.

Note that you use matching transformers in other places. Tube-based
audio equipment uses them to connect speakers to the amps. A TV may
use them to match a 300 ohm antenna to the 75 ohm connection.

>
> 3.) Is the ICE 180 & 182 a static suppressor?
>

The two ICE products are combination matching transformer, static
supressor and DC block.

I know of no manufacturer that specializes in suppressors for high
impedence (like the spring clip) connections. Here we're using a
product that does 3 things because 2 of them we want, and the third
is a side effect that does no harm and may be useful later.

> 4.) You mentioned that the ICE182 works well into the VLF range;
> I wouldn't think that a static suppressor, if it is one, would affect
> the radio's receipt of signals.

It wouldn't. But the ICE also contains a transformer, which can have a limited usable range. But in the ICE, I think the only difference is the DC blocking capacitor, which is larger in the '182. I *believe* the transformers are identical, but they, too, could be different.
>
> 5.) Lastly, you mentioned that the "ground screw connects to ground, > preferably the ground the surge protector that the Icom power supply > is plugged into" - is the "ground screw" your referring to on the ICE?

Yes. It has a ground screw on the side.

I may be overcomplicating things here... There are 3 types of ground you should be thinking in terms of. One is a safety ground. That's the third prong on your outlet, that ties to a ground rod at your breaker box. Another is the RF ground, your cold water pipe. The third is a lightning ground, which is what I described before.

Since a direct strike is unlikely, and has far more damaging effects than the loss of an ICOM, but a nearby strike is likely, we can use either the RF or safety ground as the "lightning" ground in this case. If your antenna were on a tall tower or on tall trees in the back yard, we couldn't make that assumption.

Now I think in this case you should leave the grounds alone becaus it can get complicated. Your safety ground and RF ground can continue to serve as they do.

> Also, my surge protector doesn't have a ground connection, it's an > Isobar surge protector. This is what I plug the Icom power supply to. > My present ground is to a cold water pipe.

That third prong is its ground connection, and for my radios, I have the house safety ground tied to the RF ground at that point. That's the ground window for my equipment. There's a variety of reasons not to do that with your system, for this one I'll spare you the details. :-)

Some more ideas for you to chew on... The ICE transformer is designed to feed a wire antenna some distance from your receiver. Let's say your antenna is in the back yard. What you could do is run coaxial cable from your ICOM to the ICE transformer all the way in the back yard, then connect the antenna there. Your lightning and RF ground would also be there, and you would bolt the ICE transformer to the ground rod. You could also connect a ground wire to the ICOM to a wall-outlet screw as a safety ground.

What this would do is two-fold: 1) it gets the "hazardous" parts of your antenna system away from the house and 2) since the coax, grounded at the ICE box end, won't pick up any RF, any electrical noise from your house is minimized.

Now in your case, the antenna is in the attic. So you could mount the ICE box on the cold water pipe with a couple U bolts (kit also available from ICE, or just go to the hardware store), and run the antenna lead from there up into the attic, or you could put the ICE box in the attic and run the

ground wire down from there. I would do the former, but the systems aren't that electrically different. In any case, local noise pickup, from, say, your computer would be minimized. -- the effective part of the antenna is the wire, not the coaxial cable.

Just another thought... maybe something to do at a later date.

> Regards,
> George

Eric

> P.S. How long have you lived in Florida and Colorado?
>

I lived in Fort Walton Beach from 1990-1993, and have been in Colorado since 1993. Most of that time in Boulder, CO, but currently in Loveland, CO.

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

1760. Where To Buy R75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-13 19:46:46 UTC
From: dewayne48
Topic: 1760 Message: 1760

I'm nearly ready to order a new R75. Where's the best deal? Thanks!
DeWayne KE9K

1761. Re: Where To Buy R75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-13 23:21:49 UTC
From: atagrasin
Topic: 1760 Message: 1761

--- In icomr75@y..., "dewayne48" <ke9k@i...> wrote:
> I'm nearly ready to order a new R75. Where's the best deal? Thanks!
> DeWayne KE9K
Check www.radio-nv.com/ Owner:Dave Floyd Radio World in
Nebraska.Call him an let him know you are interested in a good price
here is the E-mail: radio@...,check his phone in his site.He is
a Ham and an expert in communications and a Icom dealer.
Atagrasin

1762. RE: [icomr75] Where To Buy R75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-13 23:42:29 UTC
From: HFSSB
Topic: 1760 Message: 1762

http://www.grove-ent.com/
http://www.grove-ent.com/IC-R75.html $574.95

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1359701472 NEW $549.00

-----Original Message-----
Subject: [icomr75] Where To Buy R75?
I'm nearly ready to order a new R75. Where's the best deal? Thanks!
DeWayne KE9K

1763. Re: [icomr75] Re: Where To Buy R75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-13 23:43:02 UTC
From: DeWayne
Topic: 1760 Message: 1763

Thanks!
----- Original Message -----
From: atagrasin
To: icomr75@yahoogroups.com
Sent: Thursday, June 13, 2002 6:21 PM
Subject: [icomr75] Re: Where To Buy R75?

--- In icomr75@y..., "dewayne48" <ke9k@i...> wrote:
> I'm nearly ready to order a new R75. Where's the best deal? Thanks!
> DeWayne KE9K
Check www.radio-nv.com/ Owner:Dave Floyd Radio World in
Nebraska.Call him an let him know you are interested in a good price
here is the E-mail: radio@...,check his phone in his site.He is
a Ham and an expert in communications and a Icom dealer.
Atagrasin

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icomr75-unsubscribe@egroups.com

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[Non-text portions of this message have been removed]

1764. Re: [icomr75] Where To Buy R75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-13 23:43:24 UTC
From: DeWayne
Topic: 1760 Message: 1764

Thanks!
----- Original Message -----
From: HFSSB
To: icomr75@yahoogroups.com
Sent: Thursday, June 13, 2002 6:42 PM
Subject: RE: [icomr75] Where To Buy R75?

http://www.grove-ent.com/
http://www.grove-ent.com/IC-R75.html $574.95

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1359701472 NEW $549.00

-----Original Message-----
Subject: [icomr75] Where To Buy R75?
I'm nearly ready to order a new R75. Where's the best deal? Thanks!
DeWayne KE9K

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[Non-text portions of this message have been removed]

1765. Re: [icomr75] Re: Ground Connection

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-14 02:30:33 UTC
From: Moxie3
Topic: 1721 Message: 1765

Eric, thanks for everything.

George
----- Original Message -----
From: efricha@...
To: icomr75@yahoogroups.com
Cc: Eric F. Richards
Sent: Thursday, June 13, 2002 1:52 PM
Subject: Re: [icomr75] Re: Ground Connection

>
> Eric,
>
> 1.) Are the high impedance connectors you referred to the spring
> loaded connectors on the back of the receiver, and the low impedance
> connector the PL239 on the receiver?

Yes. The spring connectors have an impedence of 450 to 600 ohms and
the PL259 has an impedence of 50 ohms. Impedence is what you might
call an "apparant resistance" to the flow of electric current, made up
of true resistance, capacitive and inductive reactance. Eventually
you'll learn what all te words mean. I promise! :-)

>
> 2.) What is a "matching transformer"? I think of a transformer as
> an electrical device as used with electric trains or by
> electricity companies.

It is very similar, except in this case we're talking about a transformer
that works with radio frequency signals as well. Another, more technical
definition of impedance is voltage divided by current. An end-fed wire
usually presents a high impedance to whatever it is connected with. You
can connect it to a low-impedance feed, but a lot of the energy received
by antenna will be lost. The matching transformers' purpose is to maximize
energy transfer. Now it won't provide an exact match in this case, but
it will provide a better match.

Note that you use matching transformers in other places. Tube-based
audio equipment uses them to connect speakers to the amps. A TV may
use them to match a 300 ohm antenna to the 75 ohm connection.

>
> 3.) Is the ICE 180 & 182 a static suppressor?
>

The two ICE products are combination matching transformer, static
supressor and DC block.

I know of no manufacturer that specializes in suppressors for high impedence (like the spring clip) connections. Here we're using a product that does 3 things because 2 of them we want, and the third is a side effect that does no harm and may be useful later.

> 4.) You mentioned that the ICE182 works well into the VLF range;
> I wouldn't think that a static suppressor, if it is one, would affect
> the radio's receipt of signals.

It wouldn't. But the ICE also contains a transformer, which can have a limited usable range. But in the ICE, I think the only difference is the DC blocking capacitor, which is larger in the '182. I *believe* the transformers are identical, but they, too, could be different.
>
> 5.) Lastly, you mentioned that the "ground screw connects to ground,
> preferably the ground the surge protector that the Icom power supply
> is plugged into" - is the "ground screw" your referring to on the ICE?

Yes. It has a ground screw on the side.

I may be overcomplicating things here... There are 3 types of ground you should be thinking in terms of. One is a safety ground. That's the third prong on your outlet, that ties to a ground rod at your breaker box. Another is the RF ground, your cold water pipe. The third is a lightning ground, which is what I described before.

Since a direct strike is unlikely, and has far more damaging effects than the loss of an ICOM, but a nearby strike is likely, we can use either the RF or safety ground as the "lightning" ground in this case. If your antenna were on a tall tower or on tall trees in the back yard, we couldn't make that assumption.

Now I think in this case you should leave the grounds alone becaus it can get complicated. Your safety ground and RF ground can continue to serve as they do.

> Also, my surge protector doesn't have a ground connection, it's an
> Isobar surge protector. This is what I plug the Icom power supply to.
> My present ground is to a cold water pipe.

That third prong is its ground connection, and for my radios, I have the house safety ground tied to the RF ground at that point. That's the ground window for my equipment. There's a variety of reasons not to do that with your system, for this one I'll spare you the details. :-)

Some more ideas for you to chew on... The ICE transformer is designed to feed a wire antenna some distance from your receiver. Let's say your antenna is in the back yard. What you could do is run coaxial cable from your ICOM to the ICE transformer all the way in the back yard, then connect the antenna there. Your lightning and RF ground would also be there, and you would bolt the ICE transformer to the ground rod. You could also connect a ground wire to the ICOM to a wall-outlet screw as a safety ground.

What this would do is two-fold: 1) it gets the "hazardous" parts of your antenna system away from the house and 2) since the coax, grounded at the ICE box end, won't pick up any RF, any electrical noise from your house is minimized.

Now in your case, the antenna is in the attic. So you could mount the ICE box on the cold water pipe with a couple U bolts (kit also available from ICE, or just go to the hardware store), and run the antenna lead from there up into the attic, or you could put the ICE box in the attic and run the ground wire down from there. I would do the former, but the systems aren't that electrically different. In any case, local noise pickup, from, say, your computer would be minimized. -- the effective part of the antenna is the wire, not the coaxial cable.

Just another thought... maybe something to do at a later date.

> Regards,
> George

Eric

> P.S. How long have you lived in Florida and Colorado?
>

I lived in Fort Walton Beach from 1990-1993, and have been in Colorado since 1993. Most of that time in Boulder, CO, but currently in Loveland, CO.

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

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[Non-text portions of this message have been removed]

1766. new r-75 with NB problem

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-14 03:08:40 UTC
From: HFSSB
Topic: 1721 Message: 1766

I just received a used R75 w/DSP, honey of a receiver but one complaint, the NB does zilch. I have experience with many radios over many years (more than I want to think about) so I do know what a noise blanker does. Does the DSP disable the NB or is there a known fix for this problem?
Thanks for any help.

Marty KT4K

1767. Re: [icomr75] new r-75 with NB problem

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-14 04:37:05 UTC
From: Gert Nilsson
Topic: 1721 Message: 1767

Does the DSP
disable the NB or is there a known fix for this problem?

The DSP does not disable the NB. The noise blanker is very good in eliminating pulse noise from ignitions, thunder and similar. Some distortion may be heard if it is used when there are strong signals within aprox 10 kHz. This type of noiseblanker is like a gate closing for the time of the pulse. This is the reason why it is not effective against the kind of background noise heard in the background most of the time. The R75 DSP NR has some effect eliminating this kind of noise. It is not extremely effective, I have a MFJ 784 and in a comparison the NR is better on the 784, but the ANF is better on the R75 DSP.

[Non-text portions of this message have been removed]

1768. Re: Ground Connection

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-14 08:15:26 UTC
From: radiohighfreq
Topic: 1721 Message: 1768

EFR,

Read your reply and the other follow-ups twice.

My next generation "APC" Box will incorporate some of your
recommendations:

Gas-Discharge Tube -v- Neon Bulb

0.01uF Capacitor 5KV -v- 10 Ohm Resistor

Four 1N4007 Diodes -v- 1N914s
A-->|-->|--G
A--|<--|<--G

Fortunately here in OK-Land, Cali-4-Ni-A
Thunder & Lightning are on average a distant once a year event.

~ RHF
.
--- In icomr75@y..., "Eric F. Richards" <efricha@d...> wrote:
> At 07:55 AM 6/13/2002 +0000, you wrote:
> >Interesting Topic,
>
> Yup. And either my posting was ignored as flamebait or dismissed
> out-of-hand. So, let me jump in on this one again.
>
> >I would venture to say that three conditions exist.
> >
> >1. Day to Day 'Protection' of the Receiver from Static Build-Up and
> >EMF Discharges.
>
> Yes, this is an issue, especially with end-fed wires -- random
wires,
> Beverages, longwires.
>
> > First, Disconnect the Antenna when the receiver is not
> >in use.
>
> Well, yes, your receiver is safest in a Tempest box, then a Faraday
cage,
> then with shorting connectors on all inputs and outputs, but NOT
just
> disconnected. Why? You still can get differential currents across
the
> connectors if you get a direct strike.
>

> > HOW? Project "APC" Built an "Inline Antenna Protection
> >Circuit" for the antenna ground system. WHAT? A Box with the
> >following items in it. Starting at the Antenna Ground End: First,
a
> > 100K Ohm High-Z Bleed Resistor between Antenna and Ground; would
help
> >in bleeding off antenna static build-up.
>
> Always a good idea, but sometimes not necessary, for example if you
have
> an impedence matching transformer in your line, it will be a good
static
> drain. Furthermore, ICOM puts bleeder resisters across its antenna
inputs.
>
> > Then, a single Neon Bulb
> >placed across the antenna and ground; would help to discharge any
EMF
> >Pulses picked up by the antenna.
>
> A better choice is to use an actual gas-discharge tube. The only
difference
> is the energy handling capacity. The leads are heavier and the case
is
> ceramic, not glass. A near strike can vaporize the leads of that
neon tube
> but leave the gas-discharge tube alone.
>
> Find a surplus house in your area. You *won't* find these at Rat
Shack,
> but I can get them by the handful for $0.50 each locally. Siemens
is
> usually the brand on them. These are the same tubes you find in MFJ
and
> Alpha-delta supressors, as well as ICE products.
>
>
> > Followed by a 10 Ohm Dropping
> >Resistor in the antenna and ground legs.
>
> BAD, BAD idea. Keep your receiver at ground potential, always. If
your
> receiver floats above ground, you walking around in low humidity can
kill
> it by touching it. A better idea (for receive only) is to use a
grain-of-
> wheat lamp in the center conductor. Or a 5kv, 0.01uF capacitor.
(Higher
> capacitance if you like VLF, but 0.1uF is max needed.)
>

> > Next, Two Sets of series
> >connected 1N914 Diodes, these pairs are connected front-to-back; to
> >limited signal input levels.
>
> A caution on this. If you are driving that antenna with high signal
> levels, these WILL generate harmonics all over the place by mixing
all
> the signals coming in. So if you are near a broadcast antenna, you
may
> not want this. You can get around this by wiring your 4 diodes in
series-
> parallel, like this,
>
> +-->|-->|--+
> +--|<--|<--+
>
> Or using diodes with large drop voltages, or using zener diodes.
I'm
> thinking about trying Transorbs as well to see how they do, but I
don't
> know how they behave at RF.
>
>
> > Finally a DPDT switch on the receiver
> >end, wired to connect the receiver to the antenna in one position
and
> >the other position disconnects the antenna from the receiver and
> >shunts the antenna to ground.
>
> Not very effective against a direct strike. The inductances and
loss
> across the contacts will result in a voltage differential of tens of
> thousands of volts. The switch would be sacrificial if it helps.
>
>
> > The advantage of this little box is:
> >When the antenna is switched on to the receiver: the receiver is
> >triple protected. When the antenna is disconnected from the
receiver,
> > the antenna is shunted to ground through the boxes internal
circuit
> >and static does not build-up on the antenna. Connecting a Free
> >Floating Antenna (non grounded) that has 'built-up' a static charge
to
> >a modern solid state receiver can be a major Oops!
>
>
> On that we agree. I can run a string of 20 neon lamps off a 140
foot
> wire here in CO when clouds are overhead.

>
>
> >2. During a Thunder and Lightening Storm in your local area.
> >Completely disconnecting the receiver from antenna and ground:
> >Physically remove the connections. Unplugging the power input to
the
> >receiver, at the receiver. This effectively "Isolates" the
receiver
> >from all electrical connections and ground. Project "RFS" Build an
RF
> >Input 'Shorting Bar'. A 'Shorting Bar' can simply be made of a 3"
> >piece of Bare Solid Copper Wire 16~18AWG bent to fit into and
across
> >the High-Z Terminals. Add a piece of 4" Insulated Stranded Copper
> >Wired 16~18AWG and Strip both ends 3/4". Solder one end of the
> >stranded wire to the center of the "Shorting Bar" and install a
Banana
> >Plug on the other end. How to Use It? Insert the 'Shorting Bar'
> >into the two High Impedance Terminals and Banana Plug into the
> >SO-239's center connector. This effectively 'Shunts' the RF Inputs
of
> >the receiver.
>
> This in fact would be highly effective, but no less effective than
gas-tubes
> while connected to the antenna.
>
>
> >3. Direct Lightening Hit - Pray for Your Family and Self, Your Home
> >and oh yes... the receiver.
>
> This is where we differ the most.
>
> If you are worried about a direct hit on your house, get lightning
rods
> installed properly. DO NOT get those anti-lightning brushes. They
don't
> work. Along that same line, believe it or not, a rounded tip on
the
> lightning rod is more effective than a sharp one.
>
> If you are worried about a strike on your antenna and its
ramifications
> for your home, use a good lightning protection system. The system
will
> consist of a ground window (where every conductor going to and from
your
> radio gear will go through a quality supressor), a ground system,
the
> supressors, and the conductors to tie the grounds together. If you

buy
> suppressors, use Polyphaser or ICE. If you want to build your own,
you
> can use inductors and MOVs for phone lines and power lines, and
Siemens
> gas tubes and high-voltage capacitors for the antenna. The cap goes
in
> series with the center conductor, the gas tube goes between the
antenna
> side of the capacitor and the coax-shield, which must be grounded.
>
> All supressors must be mounted on the ground window.
>
> The conductors to the grounding system should be flat copper strap,
not
> braid. Surface area is what counts, so a relatively small strap is
more
> effective than a large solid wire. The important thing is that they
be
> as short as possible without introducing any sharp bends; you need a
> low impedence (low resistance AND low inductance) ground. At a
lightning
> strike's rise time, current and voltage, a tall rack acts like an
inductor
> sufficient to have several thousand volts differential between top
and
> bottom.
>
> And differential currents are what you are most concerned about. If
you
> get a direct strike you *will* have your equipment be 10s of
thousands
> of volts above ground potential but if it all rises and falls at the
same
> time at that potential, there's no problem.
>
> The final part of your system, the ground system, is most
misunderstood.
> One ground rod doesn't cut it. You usually want a ground system
consisting
> of multiple 8 ft. rods spaced at least 16 ft. apart, radiating out
from the
> point where you tie into the system, all interconnected by strap.
>
> Well now, just suppose, by some bizarre theory, that you can't
afford to do
> all this, or that you find it to be overkill. Not that anyone would
find
> that to be true, of course... :-)
>

> Where to start: Make a ground window. Tie your supressors to it.
ALL lines
> that go to your station equipment must go through these supressors.
One
> extension cord or data cable that doesn't defeats everything.
>
> If you can't buy supressors, build them as I described above with
the gas
> tube and the high voltage cap for the antenna lines, MOVs for
everything
> else. Open a high quality suppressor like APC or Panamax to see how
they
> do it, then do the same thing on your ground windor, or mount a
metal-cased
> one to your ground window. (The ground window is a sheet of steel
or copper.)
>
> Then get conductors to your ground rod.
>
> Then add ground rods.
>
> If you are using an antenna (like an end-fed wire) that works
against ground
> and needs a matching transformer, put a gas tube across it there.
>
> You *can* do it, one piece at a time, and get there safely.
>
> Just DON'T bypass a suppressor for one cable. You'll regret it.
>
> DON'T let your receiver float above ground.
>
> Some cheap suppressors by big-name manufacturers connect a gas tube
to
> the center conductor of a coax but don't connect to ground. DON'T
USE
> THEM! They actually INCREASE the risk for your equipment, since the
> lightning pulse travels at different speeds through the center
conductor
> and the shield of a coax, you will clamp down on one and let the
other
> pass, creating a bigger differential current.
>
> DON'T use solder -- it will explode into vapor (just like water)
when
> a strike occurs, blowing your connection apart. (In the ground
system,
> I mean.)
>
> Sharp bends in your ground lines are inductors. Inductors are a bad
> thing in your ground system...

>
> This is a pic of a rack full of antique and irreplaceable (to me)
> equipment. The ground window is at the top. Note the strap
mounting
> brackets, and that no strap is mounted in them. (Bad me -- no
donut!)
> That was addressed and fixed.
>
> This is at table mountain, north of Boulder, CO, in the control room
> for a 60 foot diameter dish that stands a good 150 feet up, and is
the
> highest object in about a 3 mile radius. Think we never get hit????
>
> http://www.dimensional.com/~efricha/My_story/rack.jpg
>
>
> >One Mans Opinion ~ RHF
>
> Ditto. Hope you bothered to read it. I'd hate to have written it
> for nothing...
>
>
>
> --
> Eric F. Richards
> efricha@d...
> "The weird part is that I can feel productive even when I'm doomed."
> - Dilbert

1769. RE: [icomr75] new r-75 with NB problem

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-14 14:03:37 UTC
From: HFSSB
Topic: 1721 Message: 1769

Thanks to all who replied. Funny thing, I moved the radio to another room and connected a different ant. I also played with the filter menu and now the NB is working like it should! Maybe operator error or changing the filter settings? Anyhow, it's working now and I'm quite impressed with this little receiver. Thanks again, Marty

-----Original Message-----
I just received a used R75 w/DSP, honey of a receiver but one complaint, the NB does zilch. .....

1770. Re: [icomr75] Re: Ground Connection

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-14 17:17:02 UTC
From: efricha@dimensional.com
Topic: 1721 Message: 1770

>
> EFR,
>
> Read your reply and the other follow-ups twice.
>
> My next generation "APC" Box will incorporate some of your
> recommendations:
>
> Gas-Discharge Tube -v- Neon Bulb
>
> 0.01uF Capacitor 5KV -v- 10 Ohm Resistor
>
> Four 1N4007 Diodes -v- 1N914s
> A-->|-->|--G
> A--|<--|<--G

Sounds good -- but don't take me for an expert. I'm just parroting what
others have said, and like I said before, the intuitively obvious is often
wrong. I have really come to trust Polyphaser's publications on lightning
because they apply beyond their own product line. Likewise, when pushed
to provide hard evidence and/or theory backing up what he says, Gary
Coffman never has failed to deliver. And since one of his companies
is "Destructive Testing Systems -- you make it, we break it. Guaranteed!"
I appreciate his expertise on how to make things *survive.* He really
is an expert.

> Fortunately here in OK-Land, Cali-4-Ni-A
> Thunder & Lightning are on average a distant once a year event.

I know, but it causes mass panic, rioting and people to drive the
wrong way on the L.A. freeways. I know 'cuz I see it in the movies
all the time! :-)

Eric

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

1771. Logsheet and Wallpaper

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-15 02:11:15 UTC
From: just_rtfm
Topic: 1771 Message: 1771

hi group!

i forgot to tell everyone that i made a file section called "phil's shack" where i have posted the r75 cookbook, printable logsheet (feedback welcome, i may make another one eventually), and r75 wallpaper! more to come...

phil :)

1772. Re: Logsheet and Wallpaper

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-15 07:32:11 UTC
From: jim_hack
Topic: 1771 Message: 1772

Howdy, Phil.
Don't forget to e-mail this to Les ;~)

--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> hi group!
>
> i forgot to tell everyone that i made a file section called "phil's
> shack" where i have posted the r75 cookbook, printable logsheet
> (feedback welcome, i may make another one eventually), and r75
> wallpaper! more to come...
>
> phil :)

1773. Re: [icomr75] Logsheet and Wallpaper

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-15 13:18:30 UTC
From: Moxie3
Topic: 1771 Message: 1773

Phil, I know this is an old subject but I'm very confused. Upon my purchase of the receiver I found that when in scanning mode, it did not stop on stations. You recommended turning the RF/SQ knob just past twelve o'clock. Thanks to you, it worked - then didn't. I have experimented and found that I seem to need to turn the knob clockwise to the point that there is no sound. Sometimes this may be at the 1st, 2nd, 3rd or even 4th mark on the knob dial. Why is this? I guess I'm comparing this receiver to a much lessor Sony unit which scanned at any point. Any input would be grateful.

George
----- Original Message -----
From: just_rtfm
To: icomr75@yahoogroups.com
Sent: Friday, June 14, 2002 9:11 PM
Subject: [icomr75] Logsheet and Wallpaper

hi group!

i forgot to tell everyone that i made a file section called "phil's shack" where i have posted the r75 cookbook, printable logsheet (feedback welcome, i may make another one eventually), and r75 wallpaper! more to come...

phil :)

To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

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[Non-text portions of this message have been removed]

1774. Icom FL-257 filter available

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-15 14:01:29 UTC
From: maritimus49
Topic: 1774 Message: 1774

Greetings -
I have the FL-257 3.3kHz SSB filter available. It is perfect and in the original box. I would like to get $120 for to it. Thanks.

73,
Bruce K6RQ

1775. Speaking of scanning...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-15 15:38:32 UTC
From: jim_hack
Topic: 1775 Message: 1775

I was noticing last night that when scanning between P1 and P2, if you have a tuning step of 5 or greater, it won't scan. What's up with that?

1776. Re: Logsheet and Wallpaper

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-15 17:22:57 UTC
From: just_rtfm
Topic: 1771 Message: 1776

hi George:

what you're doing by turning the knob to the right is increasing the amount of s-meter activity which must be present before sound is heard or a scan stops. unfortunately this does not always work perfectly. so turning the knob is telling the cpu 'i want an s-20 signal before you stop the scan'. [s-20 picked arbitrarily]

realize also you can use the squelch without scanning: set it on a pirate station (ex 6955) till you just hear silence... when someone starts talking the s-meter will go up and you'll hear them. what does this gain you? instead of hearing background noise you get silence until the pirate (signal) is present.

also check out in the cookbook 'scan resume' from the setup menu.

as far as scanning goes i wrote a small scan program for myself which uses RS-232 control. i call it 'manual scanning' because what it does is change the frequency at a set pace and lets you listen and stop it. IMO the best shortwave 'squelch control' is our brain... we can hear things in the mud that would be hard for a cpu to destinguish without extensive signal processing. maybe i'll write a useage FAQ and post a copy of the program in the future.

phil :)

1777. Re: Speaking of scanning...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-15 17:36:50 UTC
From: just_rtfm
Topic: 1775 Message: 1777

hi Jim:

> I was noticing last night that when scanning between P1 and P2, if
> you have a tuning step of 5 or greater, it won't scan.
> What's up with that?

i have noticed the same and want to add a fix to the next cookbook.
the unit definitely WILL scan with any of the tuning steps (make sure
you're in the VFO mode). what you should do is go to P1 and P2 and
reprogram them and turn on/off things like the P.AMP, ATT, etc
settings. i bet it is a minor software glitch. please test this out
and report back.

phil :)

1778. Re: [icomr75] Re: Speaking of scanning...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-15 17:56:06 UTC
From: Bob Parnass, AJ9S
Topic: 1775 Message: 1778

I noticed some errant behavior by the IC-R75 when designing
the Limit Search procedure in my tk75 software.

tk75 has to write the search limits and their associated
settings a few (3) times to overcome a flake in the
IC-R75. The radio sometimes doesn't store the limit information
despite it sending a positive ack after the software writes it.

On Saturday 15 June 2002 12:36 pm, just_rtfm wrote:
> hi Jim:
> > I was noticing last night that when scanning between P1 and P2, if
> > you have a tuning step of 5 or greater, it won't scan.
> > What's up with that?
>
> i have noticed the same and want to add a fix to the next cookbook.
> the unit definitely WILL scan with any of the tuning steps (make sure
> you're in the VFO mode). what you should do is go to P1 and P2 and
> reprogram them and turn on/off things like the P.AMP, ATT, etc
> settings. i bet it is a minor software glitch. please test this out
> and report back.
>
> phil :)

--
===
Bob Parnass, AJ9S Linux User www.parnass.org

1779. Re: Speaking of scanning...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-16 04:12:25 UTC
From: jim_hack
Topic: 1775 Message: 1779

While trying again, I noticed a couple things:
1. It WILL scan IF the squelch is turned down
2. It actually DOES scan albeit s-l-o-w-l-y
What it does actually is increment 5 khz for every 10th time the scan indicator blinks. Actually, it's not really a problem for me as much as a mystery. To get the desired scan rate, I just have it scanning in slow mode 1 khz at a time. That's plenty slow enough to catch what I'm looking for yet not so slow as to have the transmission completed by the time it loops back around.
FYI I've been chasing the "Cuban Lady" number station around trying to see if I can't figure out how to determine where and when it will be heard next. Been on a lot lately, several times/day at many freqs. Tough job, but it keeps me off the streets...

In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> hi Jim:
>
> > I was noticing last night that when scanning between P1 and P2,
if
> > you have a tuning step of 5 or greater, it won't scan.
> > What's up with that?
>
> i have noticed the same and want to add a fix to the next cookbook.
> the unit definitely WILL scan with any of the tuning steps (make
sure
> you're in the VFO mode). what you should do is go to P1 and P2 and
> reprogram them and turn on/off things like the P.AMP, ATT, etc
> settings. i bet it is a minor software glitch. please test this out
> and report back.
>
> phil :)

1780. Re: Speaking of scanning...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-16 04:14:45 UTC
From: jim_hack
Topic: 1775 Message: 1780

BTW, I have tried turning various things on and off with no
difference noted.
Damn powdered Rat crap! ROTFLMFAO!!!

--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> hi Jim:
>
> > I was noticing last night that when scanning between P1 and P2,
if
> > you have a tuning step of 5 or greater, it won't scan.
> > What's up with that?
>
> i have noticed the same and want to add a fix to the next cookbook.
> the unit definitely WILL scan with any of the tuning steps (make
sure
> you're in the VFO mode). what you should do is go to P1 and P2 and
> reprogram them and turn on/off things like the P.AMP, ATT, etc
> settings. i bet it is a minor software glitch. please test this out
> and report back.
>
> phil :)

1781. Re: Speaking of scanning...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-16 04:19:12 UTC
From: jim_hack
Topic: 1775 Message: 1781

Errant behavior in the sacred R-75?
Say it ain't so ;)
Hey, Bob. When you gonna take a crack at the R-2?
Icom's software leaves a lot to be desired...

--- In icomr75@y..., "Bob Parnass, AJ9S" <parnass@m...> wrote:
> I noticed some errant behavior by the IC-R75 when designing
> the Limit Search procedure in my tk75 software.
>
> tk75 has to write the search limits and their associated
> settings a few (3) times to overcome a flake in the
> IC-R75. The radio sometimes doesn't store the limit information
> despite it sending a positive ack after the software writes it.
>
> On Saturday 15 June 2002 12:36 pm, just_rtfm wrote:
> > hi Jim:
> > > I was noticing last night that when scanning between P1 and P2,
if
> > > you have a tuning step of 5 or greater, it won't scan.
> > > What's up with that?
> >
> > i have noticed the same and want to add a fix to the next
cookbook.
> > the unit definitely WILL scan with any of the tuning steps (make
sure
> > you're in the VFO mode). what you should do is go to P1 and P2 and
> > reprogram them and turn on/off things like the P.AMP, ATT, etc
> > settings. i bet it is a minor software glitch. please test this
out
> > and report back.
> >
> > phil :)
>
>
> --
>
==========
===
> Bob Parnass, AJ9S Linux User
www.parnass.org

1782. New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-16 22:43:18 UTC
From: icomr75@yahoogroups.com
Topic: 242 Message: 1782

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the icomr75
group.

File : /R75mods.txt
Uploaded by : solderblob <alanjohnson@...>
Description : NASWA review of Kiwa mods for R75

You can access this file at the URL

http://groups.yahoo.com/group/icomr75/files/R75mods.txt

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

solderblob <alanjohnson@...>

1783. Kiwa mods review

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-16 22:47:05 UTC
From: solderblob
Topic: 1783 Message: 1783

Hello:
I've just posted a copy of my review of the Kiwa mods for the R75 to the files section. This was published in the June issue of the Journal of the North American Shortwave Association. It's in basic text format with line breaks, so should be easily readable. If anyone can convert it (or the original Word format version) to PDF, that would be great.

Alan Johnson
N4LUS

1784. ? on antenna for R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-17 01:13:31 UTC
From: klodtlarry@aol.com
Topic: 1784 Message: 1784

Hello! I am a new R-75 owner, and have put up my first antenna. It is not fancy. It is a Radio Shack sw wire antenna kit. I have it hooked up from my house to a tree up on a hill behind my house. I have the thin lead in wire coming into the spring terminal and the radio on a ground. Now my question. What can I do to improve my antenna? I would like to put up maybe a dipole that I could run coax with. Any suggestions on what you use would be great! Thanks!

LARRY :-)

[Non-text portions of this message have been removed]

1785. RE: [icomr75] ? on antenna for R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-17 01:28:41 UTC
From: Mark Veldhuis
Topic: 1784 Message: 1785

Hi,

> -----Original Message-----
> From: klodtlarry@... [mailto:klodtlarry@...]
> Sent: Monday, June 17, 2002 3:14 AM
> To: icomr75@yahoogroups.com
> Subject: [icomr75] ? on antenna for R-75

> What can I do to improve my antenna? I would like to put up
> maybe a dipole that I could run coax with.

Have a look at this page:
http://www.hard-core-dx.com/nordicdx/antenna/index.html

Best 73',

Mark Veldhuis.

1786. R75 Execeutive update

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-17 01:34:31 UTC
From: jgedde
Topic: 1786 Message: 1786

Hello all,

R75 Executive software is again proceeding. I was foolishly programming the application during a thunderstorm. As a result, the R75 and my PC's motherboard got fried.

The PC was connected to the R75. The R75 was connected to my outdoor longwire. No ground was connected to the receiver. Hence, from personal experience, I can give creedence to the posters who recommend a solid, low impedance ground.

The R75 needed a new RS232 driver/receiver IC. The motherboard wasn't so lucky. The UART got fried. Rather than risk compatibility issues programming an application using a USB/Serial converter, I purchased a new motherboard.

I've since gone through hell and back getting Windows 2000 to run after simply changing out the motherboard. With help from the Win2K resource kit, I was able to format the drive, install Win2k and bring everything back together from a backup hard drive I've been using.

I actually can't wait to start programming R75 Executive again. It's been rainy here all week, so I wasn't able to do much outside. Furthermore, I live in Bethpage, NY and the US Open has been reeking havoc with traffic around here, so I stayed off the road as much as possible.

73's

John Gedde

1787. re icr 75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-17 02:54:44 UTC
From: samsons51au
Topic: 1787 Message: 1787

hello group i have a r75 could any one help me with filters.
i have bought two filters icom FL52A and FL103.
could you tell me what is the best setting for these filters in the
setup for LSB, USB,RTTY, RTTY REV,AM AMS FM the book is hopeless.I
need to know what is the best
setting for these 2 filters.Please explane the setting procedure.

thanking kindley group
samson

1788. Re: Kiwa Mods Review

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-17 07:14:05 UTC
From: radiohighfreq
Topic: 1783 Message: 1788

AJ,

An interesting review, glad to have a side by side comparison of the
Stock R75 -vice- Kiwa R75. I bought my R75 'used' with the
Kiwa Mod Package already installed, and have wondered about the
difference; and now I know. The cost analysis between the Kiwa Mod
Package and the FL-257 Filter was something I had not considered.

~ RHF

A 'NOTE' to the eGroup List Owner/Moderators.
The Files Section of these eGroup is using 19Ms of 20Ms.
Many of these Files are 'photo' type images.
The Photo Section is using only 1% of 30Ms.
Moving some of the photos from files to Photos,
may create more 'free space' in files for the future.
.
.
--- In icomr75@y..., "solderblob" <alanjohnson@g...> wrote:
> Hello:
> I've just posted a copy of my review of the Kiwa mods for the R75 to
> the files section. This was published in the June issue of the
> Journal of the North American Shortwave Association. It's in basic
> text format with line breaks, so should be easily readable. If
> anyone can convert it (or the original Word format version) to PDF,
> that would be great.
>
> Alan Johnson
> N4LUS

1789. Kiwa Filter Mod Plus Optional Icom Filters?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-17 08:04:29 UTC
From: radiohighfreq
Topic: 1789 Message: 1789

Has anyone with the Kiwa Filter Mod; Added any of the Optional ICOM Filters for enhanced AM/MW DX performance? If so... what filters and set-up?

.
~ RHF
.

1790. Re: [icomr75] ? on antenna for R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-17 08:18:30 UTC
From: n4aiw@aol.com
Topic: 1784 Message: 1790

look up alpha delta communications inc. on search and also a lot of ham radio stores
sell these kind of antennas, don't forget verticals and loops either.
cul 73, n4aiw

1791. Re: [icomr75] re icr 75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-17 09:16:39 UTC
From: n4aiw@aol.com
Topic: 1787 Message: 1791

hi Samson I'll give it a shot, icom sells about 12 filters for their radios.the fl52a is
a center freq. 455 khz, means it goes in the 455 slot, its for cw you know code.
the fl103 is a center freq. 9.0115 mhz, means goes in the 9 mhz slot, for ssb you
know usb and lsb.
the 52a is 500 hz. wide when on and the 103 is 2.8 khz when on.
Fred's advice, send these back and get your money if possible.
the radio as most icoms should come with 2.4 kHz wide filter for ssb, usb and lsb
narrower then the 103 filter. it most likely has a 6 kHz filter for am, ams., a preset
filter for FM and a tone, mark space setting for rtty. also look at the cook book in the
files for this group. if this helps ask me about psk 31. cul 73, n4aiw

1792. New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-17 09:41:22 UTC
From: icomr75@yahoogroups.com
Topic: 242 Message: 1792

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the icomr75
group.

File : /KiwaModsfortheIcomR75.doc
Uploaded by : hfdecoding <stevew@...>
Description : R75 TXT Converted to WORD Format

You can access this file at the URL

http://groups.yahoo.com/group/icomr75/files/KiwaModsfortheIcomR75.doc

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

hfdecoding <stevew@...>

1793. Re: ? on antenna for R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-17 17:10:10 UTC
From: njlar
Topic: 1784 Message: 1793

First thing is probably read the recent posts on lightning and grounds.

If you're in to DX, the problem with a dipole is that it has to be very high (more than half a wavelength) to have a low angle of attack, and it has to be supported at both ends. I've installed an alpha-delta sloper which doesn't have to be so high, and only supported up high (about 25 feet) at one end. The other end only needs to be about 10 feet high. They cost about $60. I am very happy with it.

--- In icomr75@y..., klodtlarry@a... wrote:
> Hello! I am a new R-75 owner, and have put up my first antenna. It is not
> fancy. It is a Radio Shack sw wire antenna kit. I have it hooked up from my
> house to a tree up on a hill behind my house. I have the thin lead in wire
> coming into the spring terminal and the radio on a ground. Now my question.
> What can I do to improve my antenna? I would like to put up maybe a dipole
> that I could run coax with. Any suggestions on what you use would be great!
> Thanks!
>
> LARRY :-)
>
>
> [Non-text portions of this message have been removed]

1794. Antenna recommendation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-17 19:13:28 UTC
From: ondatropical
Topic: 1794 Message: 1794

My home QTH is totally awash with electrical QRN from nearby powerlines and houses, and the problem is especially prevelent below 6 mHz, with 60/90 meters totally useless for DX purposes with my 60' random wire antenna.

In an attempt to resolve the problem I did a bit of research on the net and decided that an Active Loop antenna from Wellbrook Communications in the UK might be of some assistance. There are a few reviews on the net and they all reported a very noticeable decrease in local QRN. I contacted Andy Ilkin of Wellbrook (web site: http://www.wellbrook.uk.com)on Friday, June 7 and placed a order for his ALA-330 which is optimized for 3-30 mHz operation. The antenna was mailed to me on the 10'th from the UK and I received the 41" diameter loop in perfect condition on the 15'th via US Mail.

Simply put, this antenna is absolutely amazing and is especially effective from 120 meters up to 60 meters. This antenna dropped the noise floor so low that the only QRN I receive is the usual summertime lightning static. It is amazing to get decent, readable copy on a S3 signal in the 90 mb and then hit the antenna switch to the random wire and hear nothing but a low level buzz. Last night the lightning static died down and I was totally amazed at how quite the tropical bands were. Simpy amazing.

And to top it off, I haven't even installed the antenna outdoors yet! I simply mounted the loop from a string hanging from a convenient ceiling hook in a spare bedroom, ran RG58 from there to amplifier box and my reciever located in the front part of the house then rotated the loop until the noise was nulled and thats all. No more having to drive out to the parents house on the weekend just to do some tropical band DX'ing.

The antenna is effective throughout the HF bands, but the noise reduction was most consistent and reliable from 6 mHz and down. In the higher bands there were times where I could get a better, equally quiet signal on the random but on the lower bands it was no contest.

I highly recommend this antenna to everyone with a super-sensitive receiver like the R75 who lives in a noisy, QRN ridden environment.

1795. Skymatch Active Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-17 22:06:35 UTC
From: Moxie3
Topic: 1795 Message: 1795

Does anyone have the H800 Skymatch active antenna from LF Engineering? I understand it's a fine antenna and is for the 10kHz through 50 MHz range. Was wondering if it would be better than my radio shack long wire.

George

[Non-text portions of this message have been removed]

1796. Re: Skymatch Active Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-17 22:02:50 UTC
From: ondatropical
Topic: 1795 Message: 1796

> Does anyone have the H800 Skymatch active antenna from LF Engineering? I understand it's a fine antenna and is for the 10kHz through 50 MHz range. Was wondering if it would be better than my radio shack long wire.

I'm not familiar with this antenna, but if you live in a electrical noise-free enviroment then an active whip antenna like the H800 should do well for you. It may or may not outperform a random wire antenna depending on many variables.

Active whip antenna's are sensitive to the electrical field and as such are susceptable to local man-made electrical QRN that is the norm at most urban and suburban areas in the US. An active whip in a noisy locale will amplify the electrical noise right along with the distant signals you are trying to receive.

In a noisy QTH you will find an active loop antenna to be much more practical. Loops are more sensitive to the magnetic field rather than the electrical, and by their nature discriminate against the electrical component of a signal. Also, loops used in the HF spectrum tend to give an omnidirectional pickup on skywave signals yet retain much of their directional characteristics with local, line of site man-made noise sources. In other words, your local QRN source can be nulled out while maintaining basically omni-directional reception on shortwave broadcasts arriving via sky-wave.

The main drawback that I can see is that loops tend to provide less gain than a whip, but with a sensitive receiver like the R75 you are probably more concerned with lowering the noise floor to uncover the multitude of signals present, so this isn't a problem at all except in the quietest of QTH's where you can actually use as much gain as possible without also amplifying your neighbors TV osillator.

Unfortunately, it seems that good active loop antenna's are a rarity and active whips the norm. But if you are putting up with local QRN, spend the extra money for a loop and it will be money well spent.

I'm not an expert by any means, just throwing a few observations out there.

73,

Brandon

1797. New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-18 02:08:05 UTC
From: icomr75@yahoogroups.com
Topic: 242 Message: 1797

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the icomr75
group.

File : /R75mods1.pdf
Uploaded by : solderblob <alanjohnson@...>
Description : R75 Kiwa mods review in PDF format

You can access this file at the URL

http://groups.yahoo.com/group/icomr75/files/R75mods1.pdf

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

solderblob <alanjohnson@...>

1798. Re: [icomr75] ? on antenna for R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-18 03:13:15 UTC
From: klodtlarry@aol.com
Topic: 1784 Message: 1798

Thanks all for the info!>
>

[Non-text portions of this message have been removed]

1799. Possible Antennas..Thoughts?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-18 03:28:00 UTC
From: klodtlarry@aol.com
Topic: 1799 Message: 1799

Ok, I found some antennas. Anyone have any thoughts or expierences on these? The G5RV and Radio Master P-30 looks interesting and cheap! Thanks in advance! 1) The RadioMaster P-30 is an unobtrusive 15 foot (4 m) passive wideband, indoor/outdoor medium wave, shortwave (500 kHz - 30 MHz) receive wire antenna. It features a built-in matching transformer that ensures 50 ohm impedance so no antenna tuner is required. This omni-directional antenna is very low noise. The P-30 features a 15 foot (4 m) RG-174 coaxial lead-in that is part of the antenna system. It terminates in a PL-259. This antenna and lead-in is completely preassembled. A short length of white nylon cord is supplied if needed for stringing. Made in Holland. Click here to view antenna system and box (http://www.universal-radio.com/catalog/sw_ant/1331a.jpg). 2)The RF Systems EMF Electro-Magnetic Field passive wire antenna is complete and ready to go covering 100 kHz to 30 MHz. The EMF is only 16 feet (5 meters) long and with 16 foot (5 meters) of RG-174 coax and PL-259. The lead in coax is also used as a counterpoise for the antenna. A connection to ground is therefore not required. A special matching network ensures that the antenna is low impedance and makes it possible to connect the antenna directly tho 50 ohm antenna input of the receiver without an antenna tuner. In the center module the received signals are transferred to the receiver by means of a magnetic field. The magnetic transfer technology acts as a screen of Faraday which results in reduced atmospheric noise and interference caused by static. The reception with an EMF is therefore quieter than a normal wire antenna with direct connection to the receiver. The EMF antenna is for receive only and can be used indoors or outdoors. Made in Holland. 3)The Par End-Fedz are a full length half wave dipoles, but with an important difference. The coax connector is at one end of the dipole, where it is most needed. These antennas can be mounted horizontally, vertically or as a sloper. No ground plane or counterpoise is needed. Portable operation could not be easier. Simply had the far end from a tree limb -- the coax is at the bottom. Hang it up in a hotel window or string it up in the attic. End insulators are supplied making suspension easy. The UV resistant ABS plastic housing encloses an efficient matching network allowing the antenna to be fed with common 50 ohm coaxial cable. All hardware is stainless and the SO-239 connector is silver/teflon. The radiator material is a tough polyethylene jacketed, highly flexible #14 copper wire (41 strands of #30 gauge). One end comes with a #10 solder lug making attachment to the matchbox simple and allowing the radiator portion to be replaced if ever necessary. Power rating is a conservative 200 watts. Lightweight (the 20 meter version is only 0.5 pounds), they are ideal for portable work. The all black construction makes them difficult to see. Click here to see an alternate view (http://www.universal-radio.com/catalog/hamwire/4456b.jpg). Model Band Length 1.5:1 BW Order # Your Price Order EF-20 20 Meters 33.0 Feet 300 kHz #4456 $41.95 EF-17 17 Meters 28.0 Feet 350 kHz #4457 $41.95 EF-15 15 Meters 22.0 Feet 400 kHz #4458 $41.95 EF-12 12 Meters 17.5 Feet 500 kHz #4459 $40.95 EF-10 10 Meters 16.5 Feet 600 kHz #4460 $39.95 EF- 6 6 Meters 9.2 Feet 1200 kHz #4461 $38.95 4)The Van Gorden G5RV-E is a favorite low cost antenna. This 80 to 10 meter dipole is fully assembled and ready to install with installation instructions. The antenna is constructed of 102 feet of heavy #14 (7/22) stranded hard drawn copper antenna wire and is center fed with 31 feet of 450 ohm balanced feedline. It includes a center insulator with eye hook. The feedline is terminated with a SO-239 connector for convenient hookup to coaxial cable. List $28.95 Order #0341 $27.95 The G5RV-JR is similar to the G5RV-E above but covers only 40 to 10 meters, is only 52 feet

long and has 17 feet (5.18m) of feedline. List $24.95 Order #2518 $22.95 The G5RV-M is similar to the G5RV-E above but covers 160 to 10 meters, is 204 feet long and has 65 feet (20m) of feedline. List $49.95 Order #0835 $47.95 Thanks! LARRY :-) [Non-text portions of this message have been removed]

1800. Ground

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-18 12:55:09 UTC
From: Moxie3
Topic: 1800 Message: 1800

If you are using a PL-259 antenna connector, do you still ground the receiver using the spring loaded connection?

George

[Non-text portions of this message have been removed]

1801. Re: [icomr75] Ground

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-18 12:33:25 UTC
From: Eric F. Richards
Topic: 1800 Message: 1801

At 07:55 AM 6/18/2002 -0500, you wrote:
>If you are using a PL-259 antenna connector, do you still ground the
>receiver using the spring loaded connection?
>
>George

Depends on what is happening on the other end of the coax. If you are using the ICE transformer like we discussed a couple days ago, that's redundant and can be actually bad. That's because the system ground is at the ICE transformer and it is tied to the house (safety) ground.

On the other hand if you were using a dipole or doublet or a variant (like a G5RV or T2FD antenna) that didn't require a ground to operate, then you would probably want to ground the receiver. Of course, the better choice would be to ground the lightning supressor *before* the receiver and then not ground the receiver.

I hope this is more helpful than confusing...

Eric

>[Non-text portions of this message have been removed]
>
>
>
>To unsubscribe from this group, send an email to:
>icomr75-unsubscribe@egroups.com
>
>
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

1802. Shameless and blatant commercial plug!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-18 14:02:56 UTC
From: Lee Reynolds
Topic: 1802 Message: 1802

Well, not really but I have no relation to this man other than as a very satisfied customer -

Craig at Kiwa now has the R-75 sync mod available in kit form for us. I bought one as soon as it was available and it works very, very nicely. Two chip pins to lift, one ground foil area to scrape clean, three wires to solder and that's it. ("That's it" he says - keerist, my middle aged eyes had trouble with those teeny SMD bits....)Highly recommended if you don't want to mess with the excellent mods that others have devised in this group. Or if you barely have time to sleep, much less play radio.

Now, on to ruling the world with my mighty '75...

Lee

1803. Re: [icomr75] Shameless and blatant commercial plug!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-18 15:19:05 UTC
From: Todd Gaine
Topic: 1802 Message: 1803

Pray, tell me more. The S-AM mod in kit form. Can we order it by mail?

Todd

----- Original Message -----
From: Lee Reynolds
To: icomr75@yahoogroups.com
Sent: Tuesday, June 18, 2002 4:02 PM
Subject: [icomr75] Shameless and blatant commercial plug!

Well, not really but I have no relation to this man other than as a very satisfied customer -

Craig at Kiwa now has the R-75 sync mod available in kit form for us. I bought one as soon as it was available and it works very, very nicely. Two chip pins to lift, one ground foil area to scrape clean, three wires to solder and that's it. ("That's it" he says - keerist, my middle aged eyes had trouble with those teeny SMD bits....)Highly recommended if you don't want to mess with the excellent mods that others have devised in this group. Or if you barely have time to sleep, much less play radio.

Now, on to ruling the world with my mighty '75...

Lee

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icomr75-unsubscribe@egroups.com

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[Non-text portions of this message have been removed]

1804. Re: [icomr75] Ground

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-19 00:56:14 UTC
From: Moxie3
Topic: 1800 Message: 1804

Eric,

I contacted cable-x-perts but they don't carry the ICE 180 nor the 182A any longer. Oh well, I think I this point in time I'll keep things simple and continue with my Radio Shack antenna, and safeguard the receiver by disconnecting everything when not in use - and not use during stormy weather. I did copy your previous recommendations for possible future use in the event I want to expand my horizons. Thanks again for all your help.

George
----- Original Message -----
From: Eric F. Richards
To: icomr75@yahoogroups.com
Sent: Tuesday, June 18, 2002 7:33 AM
Subject: Re: [icomr75] Ground

At 07:55 AM 6/18/2002 -0500, you wrote:
>If you are using a PL-259 antenna connector, do you still ground the
>receiver using the spring loaded connection?
>
>George

Depends on what is happening on the other end of the coax. If you are using the ICE transformer like we discussed a couple days ago, that's redundant and can be actually bad. That's because the system ground is at the ICE transformer and it is tied to the house (safety) ground.

On the other hand if you were using a dipole or doublet or a variant (like a G5RV or T2FD antenna) that didn't require a ground to operate, then you would probably want to ground the receiver. Of course, the better choice would be to ground the lightning supressor *before* the receiver and then not ground the receiver.

I hope this is more helpful than confusing...

Eric

>[Non-text portions of this message have been removed]
>
>
>
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>icomr75-unsubscribe@egroups.com
>
>
>
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--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

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[Non-text portions of this message have been removed]

1805. Re: [icomr75] Shameless and blatant commercial plug!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-19 00:19:07 UTC
From: Radostin Danev
Topic: 1802 Message: 1805

Hi Lee,

This sounds funny. The point of having Kiwa mods is that performing them yourself is rather difficult and risky.

Why pay $35 for $5 to $10 worth of parts? Look in the "Files" area of this grup. There you'll find the instructions about the Synch mod. Version 2.1 is more advanced than what Kiwa offers (I think). It reduced significantly the whistles and makes use of the blinking "S-" on the S-AM (switches to AM detection while the synch is not locked).

Best regards,

Rado

----- Original Message -----
From: "Lee Reynolds" <lreynolds@...>
To: <icomr75@yahoogroups.com>
Sent: Tuesday, June 18, 2002 11:02 PM
Subject: [icomr75] Shameless and blatant commercial plug!

> Well, not really but I have no relation to this man other than as a very
> satisfied customer -
>
> Craig at Kiwa now has the R-75 sync mod available in kit form for us. I
bought
> one as soon as it was available and it works very, very nicely. Two chip
pins
> to lift, one ground foil area to scrape clean, three wires to solder and
that's
> it. ("That's it" he says - keerist, my middle aged eyes had trouble with
those
> teeny SMD bits....)Highly recommended if you don't want to mess with the
> excellent mods that others have devised in this group. Or if you barely
have
> time to sleep, much less play radio.
>
> Now, on to ruling the world with my mighty '75...
>
> Lee
>
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com

>
>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>

1806. RE: [icomr75] Shameless and blatant commercial plug!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-19 01:50:49 UTC
From: Enrique A. Wembagher
Topic: 1802 Message: 1806

Hi Rado, I agree with you !
Group...
The Rado mod 2.1 (automatic switches to AM detection while the synch is not locked), it is superior to Kiwa that was taken of the Rado Mod 1.0...
inclusive the Rado mod 1.1 are better!
The kit doesn't eliminates the risks on the MC13022, experience should be had in weldings.

73?s
Enrique

> -----Mensaje original-----
> De: Radostin Danev [mailto:rado@...]
> Enviado el: Martes, 18 de Junio de 2002 21:19
> Para: icomr75@yahoogroups.com
> Asunto: Re: [icomr75] Shameless and blatant commercial plug!
>
>
> Hi Lee,
>
> This sounds funny. The point of having Kiwa mods is that performing them
> yourself is rather difficult and risky.
>
> Why pay $35 for $5 to $10 worth of parts? Look in the "Files" area of this
> grup. There you'll find the instructions about the Synch mod.
> Version 2.1 is
> more advanced than what Kiwa offers (I think). It reduced
> significantly the
> whistles and makes use of the blinking "S-" on the S-AM (switches to AM
> detection while the synch is not locked).
>
> Best regards,
>
> Rado
>

1807. More Antenna Questions - Short Version :-)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-19 02:19:21 UTC
From: klodtlarry@aol.com
Topic: 1807 Message: 1807

Ok, sorry for the long post. I have narrowed down my choices. I am going to erect a dipole, buy a G5RV, Radio Master (15' hf/mw/lf wire antenna) or similar. My question is, will a dipole work in this situation: my house is approx 12" tall, there is a hill behind my house, that is approx 6' tall, and that is where I can put up some poles, apporx 10' tall. That would make the antenna a little taller than my house, but is a high point facing the south. I probably have not said this very well. I am trying to get better results than what I am using now, a Radio Shack wire antenna kit run to a tree on top of the hill. I have a MFJ 956 tuner, but that requires coax. Thanks for any help!

LARRY :-)

[Non-text portions of this message have been removed]

1808. Eavesdropper-T - Any Good?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-19 02:42:30 UTC
From: klodtlarry@aol.com
Topic: 1808 Message: 1808

Looks interesting. Any thoughts? Thanks in advance!

LARRY :-)

[Non-text portions of this message have been removed]

1809. Re: [icomr75] Ground

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-19 02:57:17 UTC
From: Eric F. Richards
Topic: 1800 Message: 1809

At 07:56 PM 6/18/2002 -0500, you wrote:
>Eric,
>
>I contacted cable-x-perts but they don't carry the ICE 180 nor the 182A
>any longer. Oh well, I think I this point in time I'll keep things simple
>and continue with my Radio Shack antenna, and safeguard the receiver by
>disconnecting everything when not in use - and not use during stormy
>weather. I did copy your previous recommendations for possible future use
>in the event I want to expand my horizons. Thanks again for all your help.
>
>George

George,

Just for some light reading in case you get bored...

Go pick up the July 2002 QST magazine; should be available now. On
page 48 there is the second in a two-part series on lightning protection
and how to set up a ground window and all that jazz. I haven't checked
but I think it is reasonable to assume that the June issue had the
first part... but this is the practical part of the series.

Also, if you want to try the ICE transformer anyway, you can buy from
eham.net. That's where I just got my '182.

Eric

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

1810. Magnetic Longwire Balun?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-19 15:04:11 UTC
From: klodtlarry@aol.com
Topic: 1810 Message: 1810

Anyone have any luck using a random wire with a Magnetic Longwire Balun? Claims to reduce noise and allows you to use coax. I was thinking of this ran into a Zap Trapper into my R-75. Sorry for all the questions, trying to find out what antenna to use. Thanks!

1811. RE: [icomr75] Magnetic Longwire Balun?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-19 15:14:07 UTC
From: Steve J. Walker
Topic: 1810 Message: 1811

//-----Original Message-----
//From: klodtlarry@... [mailto:klodtlarry@aol.com]
//Sent: 19 June 2002 16:04
//To: icomr75@yahoogroups.com
//bject: [icomr75] Magnetic Longwire Balun?
//Anyone have any luck using a random wire with a Magnetic Longwire Balun?
Claims to reduce noise and allows you to use //coax. I was thinking of this
ran into a Zap Trapper into my R-75. Sorry for all the questions, trying to
find out //what antenna to use. Thanks!
//To unsubscribe from this group, send an email to:
//icomr75-unsubscribe@egroups.com

Hi,

Many www sites have reviewed them with varying ideas on the effectiveness of
them, I use 2 mainly because I can then used a screened lead into the shack
and not have to worry about PC and TV noises at all. I have 2 * 45mtr wires
that I feed with a MLB and about 20mtrs of coax into the shack's room - this
seems to be ideal for me but they say they can work with anything from 12m
and up so I guess its best to play about and see what you get with what
wires!

Oh some people have made comments about the 4:1?? MLB being swamped with
signal levels from large wires and this causes problems -- I guess not being
too much into antennas I cannot say but I know some US people have 9:1??
Rather than 4:1 and this seems to cure some issues.

They are a little lossy but its nothing great to worry about and they also
offer at least the "non" tuneable longwire over the HF spectrum - probably
not the best way but a hell of a lot better for a person who wants to quickly
tune about the bands.

73

Steve

This email has been scanned for all known viruses by
our Virus Protection System in association with Cyber
Sentry and Trend Micro.
For more information please visit http://www.bucks.net

1812. RE: [icomr75] Magnetic Longwire Balun?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-19 15:51:48 UTC
From: klodtlarry@aol.com
Topic: 1810 Message: 1812

Thanks much for the info!

LARRY :-)

1813. Re: [icomr75] Magnetic Longwire Balun?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-19 20:37:48 UTC
From: Moxie3
Topic: 1810 Message: 1813

Good to seem someone a little less ignorant than me when it comes to this stuff. I rate myself about a 1 on a 10 point scale.

Is your longwire from Radio Shack? If you don't mind, what is a Magnetic Longwire Balun and a Zap Trapper?

George
----- Original Message -----
From: klodtlarry@...
To: icomr75@yahoogroups.com
Sent: Wednesday, June 19, 2002 10:04 AM
Subject: [icomr75] Magnetic Longwire Balun?

Anyone have any luck using a random wire with a Magnetic Longwire Balun? Claims to reduce noise and allows you to use coax. I was thinking of this ran into a Zap Trapper into my R-75. Sorry for all the questions, trying to find out what antenna to use. Thanks!

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[Non-text portions of this message have been removed]

1814. Re: [icomr75] Magnetic Longwire Balun?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-19 20:05:10 UTC
From: Johan Letterstål
Topic: 1810 Message: 1814

Hi,
Look at http://www.hard-core-dx.com/nordicdx/antenna/feed/index.html .
There you will find comments on the MLB and also a lot of other information on this topic.
The antenna-section contains some good material as well.
I've been using homebrewed coax-transformers for some years now, both 1:9 transmissionline xfmrs and 1:9 or 1:4 xfmrs. All with similar results; gain up and noise down.

73 de Johan Letterstål, Sweden
DX homepage (swedish): http://user.tninet.se/~zrk946c/dx.html

----- Ursprungligt meddelande -----
Från: <klodtlarry@...>
Till: <icomr75@yahoogroups.com>
Skickat: den 19 juni 2002 17:04
Ämne: [icomr75] Magnetic Longwire Balun?

> Anyone have any luck using a random wire with a Magnetic Longwire Balun? Claims to reduce noise and allows you to use coax. I was thinking of this ran into a Zap Trapper into my R-75. Sorry for all the questions, trying to find out what antenna to use. Thanks!
>
>
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>
>

1815. Re: [icomr75] Magnetic Longwire Balun?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-19 20:15:26 UTC
From: efricha@dimensional.com
Topic: 1810 Message: 1815

>
> Good to seem someone a little less ignorant than me when it comes to this stuff. I rate myself about a 1 on a 10 point scale.
>
> Is your longwire from Radio Shack? If you don't mind, what is a Magnetic Longwire Balun and a Zap Trapper?
>

(begin rant)

The Magnetic Longwire Balun is three lies for the price of one. It is a matching transformer, but unlike the ICE matching transformer it has no grounding screw on the side, using the coaxial shield as a ground. This hurts its ability to reduce noise.

- Magnetic? No, electromagnetic.
- Longwire? Long wire antennas are several wavelengths long. Random wire is the correct name.
- Balun? No. It takes an unbalanced antenna and connects it to an unbalanced feedline, so it is an un-un. Yes, that is the correct term.

RF systems makes a couple really good products but they bury them in so much marketing bull that I won't buy from them.

For more on the subject of matching transformers, un-uns and baluns, see this web site. Once there, explore the whole thing -- rich with info and opinions, and not just ones that agree with me. (grin)

http://www.hard-core-dx.com/nordicdx/antenna/feed/index.html

For lightning protection, forget "zap trappers" and do it right. Doing it wrong just perpetuates the myth that nothing can be done against a direct strike.

See July QST magazine for a good article. See June QST magazine for background info.

(end rant)

Eric

> George
> ----- Original Message -----
> From: klodtlarry@...
> To: icomr75@yahoogroups.com
> Sent: Wednesday, June 19, 2002 10:04 AM
> Subject: [icomr75] Magnetic Longwire Balun?
>

>
> Anyone have any luck using a random wire with a Magnetic Longwire Balun? Claims to reduce noise and allows you to use coax. I was thinking of this ran into a Zap Trapper into my R-75. Sorry for all the questions, trying to find out what antenna to use. Thanks!
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
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>
>
> [Non-text portions of this message have been removed]
>
>
>
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> icomr75-unsubscribe@egroups.com
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>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

1816. Re: [icomr75] Magnetic Longwire Balun?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-19 23:07:05 UTC
From: Moxie3
Topic: 1810 Message: 1816

Eric,

Bravo! To the point and with supporting documentation; what more could we ask for. Thanks again. I called a couple of newsstands and they don't have QST. Is it called by its full name? Maybe Borders or Barnes & Noble will have it, ya think?

George
----- Original Message -----
From: efricha@...
To: icomr75@yahoogroups.com
Cc: Eric F. Richards
Sent: Wednesday, June 19, 2002 3:15 PM
Subject: Re: [icomr75] Magnetic Longwire Balun?

>
> Good to seem someone a little less ignorant than me when it comes to this stuff. I rate myself about a 1 on a 10 point scale.
>
> Is your longwire from Radio Shack? If you don't mind, what is a Magnetic Longwire Balun and a Zap Trapper?
>

(begin rant)

The Magnetic Longwire Balun is three lies for the price of one. It is
a matching transformer, but unlike the ICE matching transformer it has
no grounding screw on the side, using the coaxial shield as a ground.
This hurts its ability to reduce noise.

- Magnetic? No, electromagnetic.
- Longwire? Long wire antennas are several wavelengths long. Random wire
is the correct name.
- Balun? No. It takes an unbalanced antenna and connects it to an unbalanced
feedline, so it is an un-un. Yes, that is the correct term.

RF systems makes a couple really good products but they bury them in
so much marketing bull that I won't buy from them.

For more on the subject of matching transformers, un-uns and baluns,
see this web site. Once there, explore the whole thing -- rich with
info and opinions, and not just ones that agree with me. (grin)

http://www.hard-core-dx.com/nordicdx/antenna/feed/index.html

For lightning protection, forget "zap trappers" and do it right. Doing
it wrong just perpetuates the myth that nothing can be done against a
direct strike.

See July QST magazine for a good article. See June QST magazine for
background info.

(end rant)

Eric

> George
> ----- Original Message -----
> From: klodtlarry@...
> To: icomr75@yahoogroups.com
> Sent: Wednesday, June 19, 2002 10:04 AM
> Subject: [icomr75] Magnetic Longwire Balun?
>
>
> Anyone have any luck using a random wire with a Magnetic Longwire Balun? Claims to reduce noise and allows you to use coax. I was thinking of this ran into a Zap Trapper into my R-75. Sorry for all the questions, trying to find out what antenna to use. Thanks!
>
> To unsubscribe from this group, send an email to:
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>
> [Non-text portions of this message have been removed]
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>
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> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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>

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

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[Non-text portions of this message have been removed]

1817. Re: [icomr75] Magnetic Longwire Balun?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-19 22:15:24 UTC
From: efricha@dimensional.com
Topic: 1810 Message: 1817

>
> Eric,
>
> Bravo! To the point and with supporting documentation; what more could
> we ask for. Thanks again. I called a couple of newsstands and they
> don't have QST. Is it called by its full name? Maybe Borders or
> Barnes & Noble will have it, ya think?
>

I just *love* the sound of unabashed worship... :-) :-)

Okay, seriously. QST or QST magazine is the full name. The name is
from the 3 letter "Q" signals used in morse code. QST means "attention
all ham radio operators."

A ham radio shop will have it. Bookstores may have it. If you have
a lot of trouble, call the ARRL and ask for a location nearby to pick
it up and look it over.

http://www.arrl.org/qst/

Good luck!

Eric

> George
> ----- Original Message -----
> From: efricha@...
> To: icomr75@yahoogroups.com
> Cc: Eric F. Richards
> Sent: Wednesday, June 19, 2002 3:15 PM
> Subject: Re: [icomr75] Magnetic Longwire Balun?
>
>
> >
> > > Good to seem someone a little less ignorant than me when it comes to this stuff. I rate
myself about a 1 on a 10 point scale.
> >
> > > Is your longwire from Radio Shack? If you don't mind, what is a Magnetic Longwire Balun
and a Zap Trapper?
> >
>
> (begin rant)
>
> The Magnetic Longwire Balun is three lies for the price of one. It is
> a matching transformer, but unlike the ICE matching transformer it has
> no grounding screw on the side, using the coaxial shield as a ground.

> This hurts its ability to reduce noise.
>
> - Magnetic? No, electromagnetic.
> - Longwire? Long wire antennas are several wavelengths long. Random wire
> is the correct name.
> - Balun? No. It takes an unbalanced antenna and connects it to an unbalanced
> feedline, so it is an un-un. Yes, that is the correct term.
>
> RF systems makes a couple really good products but they bury them in
> so much marketing bull that I won't buy from them.
>
> For more on the subject of matching transformers, un-uns and baluns,
> see this web site. Once there, explore the whole thing -- rich with
> info and opinions, and not just ones that agree with me. (grin)
>
> http://www.hard-core-dx.com/nordicdx/antenna/feed/index.html
>
> For lightning protection, forget "zap trappers" and do it right. Doing
> it wrong just perpetuates the myth that nothing can be done against a
> direct strike.
>
> See July QST magazine for a good article. See June QST magazine for
> background info.
>
> (end rant)
>
> Eric
>
>
>
> > George
> > ----- Original Message -----
> > From: klodtlarry@...
> > To: icomr75@yahoogroups.com
> > Sent: Wednesday, June 19, 2002 10:04 AM
> > Subject: [icomr75] Magnetic Longwire Balun?
> > >
> > >
> > Anyone have any luck using a random wire with a Magnetic Longwire Balun? Claims to reduce noise and allows you to use coax. I was thinking of this ran into a Zap Trapper into my R-75. Sorry for all the questions, trying to find out what antenna to use. Thanks!
> > >
> > To unsubscribe from this group, send an email to:
> > icomr75-unsubscribe@egroups.com
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> > >
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> > [Non-text portions of this message have been removed]
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> >
> > To unsubscribe from this group, send an email to:
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> >
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>
> --
> Eric F. Richards
> efricha@...
> "The weird part is that I can feel productive even when I'm doomed."
> - Dilbert
>
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>
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>
> [Non-text portions of this message have been removed]
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>
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>

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

1818. Re: [icomr75] Magnetic Longwire Balun?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-19 22:56:09 UTC
From: n4aiw@aol.com
Topic: 1810 Message: 1818

go to arrl.org , then go to eham.net, scroll down to reviews, click on review all and
click on antennas, both dipoles and verticals, read enjoy. by the way if you have a
peace of coax with a pl259 on one are both ends roll it out are round and around
the floor of the room your in, plug it in the so239 on the back of the radio so that
only the center pin of the pl259 is touching the so239 not the outer shield.
enjoy.
cul 73 de n4aiw

1819. G5RV Antennas?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-20 00:26:34 UTC
From: klodtlarry@aol.com
Topic: 1819 Message: 1819

Well anyone have any thoughts on the Van Gorden G5RV? I can mount this approx 10' off the ground atop a hill behind m house. Would I need a tuner for receive only? Sorry for all the questions. Am narrowing down my selections!
Thanks!

LARRY :-)

[Non-text portions of this message have been removed]

1820. Re: [icomr75] Magnetic Longwire Balun?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-20 01:36:09 UTC
From: J & L Sheehy
Topic: 1810 Message: 1820

At 04:15 PM 06/19/2002 -0600, you wrote:

> >
> > Bravo! To the point and with supporting documentation; what more could
> > we ask for. Thanks again. I called a couple of newsstands and they
> > don't have QST. Is it called by its full name? Maybe Borders or
> > Barnes & Noble will have it, ya think?
> >
>
>Okay, seriously. QST or QST magazine is the full name. The name is
>from the 3 letter "Q" signals used in morse code. QST means "attention
>all ham radio operators."
>
>A ham radio shop will have it. Bookstores may have it. If you have
>a lot of trouble, call the ARRL and ask for a location nearby to pick
>it up and look it over.
>

Borders carries QST, CQ, Popular Communications and Monitoring Times. I
have seen Pop Comm in Barnes & Noble, not sure about QST.

73 de W1JS in No. Weare NH
Jack Sheehy
w1js@...

1821. RE: [icomr75] G5RV Antennas?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-20 01:41:19 UTC
From: Art Burke
Topic: 1819 Message: 1821

I use the R75 with my G5RV...It works great...
I have mine up about 22 feet.

Art
-----Original Message-----
From: klodtlarry@... [mailto:klodtlarry@...]
Sent: Wednesday, June 19, 2002 8:27 PM
To: icomr75@yahoogroups.com
Subject: [icomr75] G5RV Antennas?

Well anyone have any thoughts on the Van Gorden G5RV? I can mount this
approx 10' off the ground atop a hill behind m house. Would I need a
tuner
for receive only? Sorry for all the questions. Am narrowing down my
selections!
Thanks!

LARRY :-)

[Non-text portions of this message have been removed]

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icomr75-unsubscribe@egroups.com

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[Non-text portions of this message have been removed]

1822. Almost last question! Static build up help

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-20 01:52:59 UTC
From: klodtlarry@aol.com
Topic: 1822 Message: 1822

Ok, I re did my ground for my R-75. I used the shield from some RG-58U, and ran it to my main ground, which improved the signal noise alot! I am still worried about the static build up that might damage my radio. I unplug the antenna when not in use. Does the ground for the radio help with the static build up? Thanks!

LARRY :-)

[Non-text portions of this message have been removed]

1823. Re: [icomr75] G5RV Antennas?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-20 03:26:32 UTC
From: n4aiw@aol.com
Topic: 1819 Message: 1823

answer you don't need a tuner for any dipole. thats period

1824. Re: [icomr75] Magnetic Longwire Balun?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-20 06:59:55 UTC
From: Todd Gaine
Topic: 1810 Message: 1824

I am curious about the suggestion to lay out co-ax and plug in only the centre pin. What will this achieve that a simple length of wire won't?

Todd

----- Original Message -----
From: n4aiw@...
To: icomr75@yahoogroups.com
Sent: Thursday, June 20, 2002 12:56 AM
Subject: Re: [icomr75] Magnetic Longwire Balun?

go to arrl.org , then go to eham.net, scroll down to reviews, click on review all and
click on antennas, both dipoles and verticals, read enjoy. by the way if you have a
peace of coax with a pl259 on one are both ends roll it out are round and around
the floor of the room your in, plug it in the so239 on the back of the radio so that
only the center pin of the pl259 is touching the so239 not the outer shield.
enjoy.
cul 73 de n4aiw

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[Non-text portions of this message have been removed]

1825. Re: [icomr75] Magnetic Longwire Balun?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-20 11:32:00 UTC
From: n4aiw@aol.com
Topic: 1810 Message: 1825

hi Todd, the answer is its a simple wire with a cover. question is will it pickup static
are corrode as fast as bare wire inside or outside of the house. say you don't like
roll it out on the floor, you go up in the attic and and you can hang it as high as you
can get it even staple it, don't do this with ladder line, drill hole in the top of one of the walls, inside walls are usually hollow, fish the coax down the wall, go to a supply
house such lowes are home depot get a blank wall plate, one with no holes. drill a
hole in it big enough for the coax to come through close to the radio,screw the plate on the wall. this is given in friendship,it is just a though and experience. i,m cheap
i went to lowes brought a 100 ft roll of number 14 house wire for 8.50 on sale, stipped
the outside cover off and wound up with 300 ft of wire, went over to electric fence dept.
and picked up a bag of the yellow stand off insulators for my dipoles for 80 and 40
meters,hi.
cul,73,de n4aiw

1826. Re: Almost last question! Static build up help

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-20 14:11:12 UTC
From: atagrasin
Topic: 1822 Message: 1826

--- In icomr75@y..., klodtlarry@a... wrote:
> Ok, I re did my ground for my R-75. I used the shield from some RG-58U, and
> ran it to my main ground, which improved the signal noise alot! I am still
> worried about the static build up that might damage my radio. I unplug the
> antenna when not in use. Does the ground for the radio help with the static
> build up? Thanks!
>
> LARRY :-)
HI Larry:There is a good static discharger that you can assemble yourself, check in this site:
http://www.kc7nod.20m.com/static_dis.htm
Atagrasin

1827. Re: QST Magazine

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-20 17:42:13 UTC
From: Eddie Bryant
Topic: 1827 Message: 1827

Concerning obtaining a copy of the QST article........

Don't forget about your local University or Community College
Library.

They carry many excellent technical publications and you could
easily look at a copy (last months too) there.

Ed
N4UMJ

1828. RE: [icomr75] Magnetic Longwire Balun?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-20 21:29:10 UTC
From: HFSSB
Topic: 1810 Message: 1828

If you think the shielded center conductor of coax makes a good antenna wait until you try connecting the unshielded outer conductor instead!
Marty

----- Original Message -----
From: n4aiw@...
Subject: Re: [icomr75] Magnetic Longwire Balun?

.... by the way if you have a peace of coax with a pl259 on one are both ends roll it out are round and around the floor of the room your in, plug it in the so239 on the back of the radio so that only the center pin of the pl259 is touching the so239 not the outer shield.
enjoy.
cul 73 de n4aiw

1829. Re: Magnetic Longwire Balun?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-21 08:57:12 UTC
From: radiohighfreq
Topic: 1810 Message: 1829

This type of coaxal cable antenna is usually called a "SNAKE" as it is not elevated and can be run around the yard laying in the grass. It can be any length but one hundred feet or more is usual. Just another out of sight out of mind antennas that the neighbors don't see.
.
Basically it is folded randon wire antenna. Using the outer shielding as the end element folded over and encompassing the inner conductor as the near element may provide some noise cancelling features.
.
Its just one more: Build It & Try It - Week End Projects.
.
Here is a Link with a diagram of its construction:
http://www.kc7nod.20m.com/snake.htm
.
m2cw ~ RHF
.
.
--- In icomr75@y..., "HFSSB" <ny6zmd@a...> wrote:
> If you think the shielded center conductor of coax makes a good antenna wait
> until you try connecting the unshielded outer conductor instead!
> Marty
>
> ----- Original Message -----
> From: n4aiw@a...
> Subject: Re: [icomr75] Magnetic Longwire Balun?
>
> .... by the way if you have a peace of coax with a pl259 on one are both ends
> roll it out are round and around the floor of the room your in, plug it in the
> so239 on the back of the radio so that only the center pin of the pl259 is
> touching the so239 not the outer shield.
> enjoy.
> cul 73 de n4aiw

1830. Re: [icomr75] Re: Magnetic Longwire Balun?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-21 09:19:19 UTC
From: Todd Gaine
Topic: 1810 Message: 1830

I am quite sure that any wire left lying on the grass (folded radom wire, or not) will present some noise cancelling features. Just as it would present some signal cancelling features too!

The lower/closer to the ground you go, the lower the signal and noise (unless you lay the antenna atop some buried power lines). The higher you go, the lower the noise and the higher the signal (unless you are close to some overhead power lines)

I guess someone who has an antenna at optimum height for picking up household interference notices a dramatic reduction in noise when switching to an antenna laying on the ground. However, they should be going the other way!

Todd

----- Original Message -----
From: radiohighfreq
To: icomr75@yahoogroups.com
Sent: Friday, June 21, 2002 10:57 AM
Subject: [icomr75] Re: Magnetic Longwire Balun?

This type of coaxal cable antenna is usually called a "SNAKE" as it is
not elevated and can be run around the yard laying in the grass. It
can be any length but one hundred feet or more is usual. Just another
out of sight out of mind antennas that the neighbors don't see.
.
Basically it is folded randon wire antenna. Using the outer shielding
as the end element folded over and encompassing the inner conductor as
the near element may provide some noise cancelling features.
.
Its just one more: Build It & Try It - Week End Projects.
.
Here is a Link with a diagram of its construction:
http://www.kc7nod.20m.com/snake.htm
.
m2cw ~ RHF
.
.
--- In icomr75@y..., "HFSSB" <ny6zmd@a...> wrote:
> If you think the shielded center conductor of coax makes a good
antenna wait
> until you try connecting the unshielded outer conductor instead!
> Marty
>
> ----- Original Message -----
> From: n4aiw@a...
> Subject: Re: [icomr75] Magnetic Longwire Balun?

>
> .... by the way if you have a peace of coax with a pl259 on one
are both ends
> roll it out are round and around the floor of the room your in, plug
it in the
> so239 on the back of the radio so that only the center pin of the
pl259 is
> touching the so239 not the outer shield.
> enjoy.
> cul 73 de n4aiw

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[Non-text portions of this message have been removed]

1831. R75 for sale

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-21 15:53:27 UTC
From: handheld45
Topic: 1831 Message: 1831

Icom R75 with DSP installed.

Purchased new in January 2002.

Like new condition, no dings or scars.

I don't have as much time for it as I thought I would have.

Pictures on request.

$500 + half of shipping and insurance. (Shipped from 93210)

E-mail handheld45@...

1832. Re: More Antenna Questions - Short Version :-)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-21 20:55:26 UTC
From: njlar
Topic: 1807 Message: 1832

That close to the ground a dipole will receive mostly straight up. OK for nearby stations, but not for DX where the "angle of attack" is very low near the horizon. Same applies to a G5RV.

--- In icomr75@y..., klodtlarry@a... wrote:
> Ok, sorry for the long post. I have narrowed down my choices. I am going to
> erect a dipole, buy a G5RV, Radio Master (15' hf/mw/lf wire antenna) or
> similar. My question is, will a dipole work in this situation: my house is
> approx 12" tall, there is a hill behind my house, that is approx 6' tall, and
> that is where I can put up some poles, apporx 10' tall. That would make the
> antenna a little taller than my house, but is a high point facing the south.
> I probably have not said this very well. I am trying to get better results
> than what I am using now, a Radio Shack wire antenna kit run to a tree on top
> of the hill. I have a MFJ 956 tuner, but that requires coax. Thanks for any
> help!
>
> LARRY :-)
>
>
> [Non-text portions of this message have been removed]

1833. Radio Modifications

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-22 05:31:38 UTC
From: coolrigger7
Topic: 1833 Message: 1833

Dear Member,

Radio Modifications is a group dedicated to the repair maintenance and modification of radio related equipment. I found this group, which is extremely helpful for ham radio operators who need information about their equipment. Whether you are a novice or experienced, this group will benefit all aspects of ham radio.

If you would like to join, please email the following RadioModifications-subscribe@yahoogroups.com or go to the website http://groups.yahoo.com/group/RadioModifications

Brian McGuire

1834. Alas,FL-96 filter was discontinued!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-24 15:46:44 UTC
From: manabu662001
Topic: 1834 Message: 1834

Dear Members,

I am a R-75 user living in Okayama,Japan.I purchased R-75 on May 2002,this is a pretty good receiver,even if not perfect.
Not so hot news for R-75,rather BAD news..
According to the branch office of ICOM in Osaka-City,the firlter FL-96 was discontinued.
I want to buy one,but no stock available,so I deicided to choose FL-257 and FL-103.This conbination is satisfactory!
Now,I enjoy the operation fo R-75 on my automobile,via DC-cigger plug.I will report you this operation in the near future.

Manabu Doi,A Short Wave Listener in Japan

P.S.
We call SWL "BCL" in Japan. The Broadcast Listener.This word is uncommon in USA or Europe,or not?

1835. Okayama

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-25 03:32:45 UTC
From: Marv Loopstra
Topic: 1834 Message: 1835

Hello
As far as I know, "BCL" is not a common phrase here. I have not heard
it sed at any rate.
I know this is somewhat off topic but I must regardless:
I maintained a corporate aircraft several years ago in Okayama. A
beautiful city. I also maintained the same aircraft after it was moved
to Matsuyama.
I maintained residence here in the U.S. and traveled to your city when
work on the aircraft was necessary.
I enjoyed it very much there and still miss it. Hope to return for another visit
someday.
Marv
bizjetech@...

1838. Re:Okayama

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-25 14:28:38 UTC
From: manabu662001
Topic: 1834 Message: 1838

Thank you much!

Okayama is beautiful city, mainly because it is a riverside-city.
I was born in this city 36 years ago.
But I'll move to other city in near future by transfer. Undoubtedly,
I'll miss...
□@
By the way, the word 'BCL' is common in Japan. I also think it
uncommon in
USA or Europe.
We encountered an enormous climax of □gBCL□h (so-called SWL
elsewhere) at mid-'70s
in Japan.
□gLet's start BCL□h, or □gListen to the world□h were the key words
in those days. The phrase
□hBCL□h□@is believed to be a coinage made by an advertisement
project of some manufacturers,
such as SONY or Panasonic.
But a certain testimony shows the phrase was common in Japan
before '60s.

The climax in mid-'70s produced millions of 'BCL' in Japan. Some
people say,no less than
three million □gBCL□h existed in Japan around 1976. Most of them were
teen-ager,and
I was one of them.
The famous RF-2200 or ICF-5900 were mainly produced for this teen-
ager.
It was very short period ,and most of them have gone anywhere, but we
still stay here,and continue.
□@
Manabu Doi , SWL in Japan.

1839. The mobile operation of IC-R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-25 14:33:22 UTC
From: manabu662001
Topic: 1839 Message: 1839

About the mobile operation of IC-R75

In Japan, especially urban location ,the noise level is dreadfully high, due to development of
electronically controlled device, such as air-conditioner or room lamp driven by inverter.
So, I prefer the mobile operation. In early days, I used the LOWE HF-225E□Athen I employed
the AOR AR3030.
They were also good receiver. I enjoyed their reliable signal-pulling power.

But IC-R75 is outstanding in □gpleasure of operation□h.□@Since I've been
used to ICOM receivers, such as very old IC-R70, his successor R71, and versatile
stationary scanner R7100, even gigantic R9000. And transceiver IC-750S,similar to IC-R75 in many
respects.

The mobile operation is simple.
R75 locates on the upper side of steering. DC powered by car battery, via cigar plug.
The antenna system is two ways.
One is famous SONY AN-1,active antenna. Thanks to its wide range, smooth and
effective survey from 90mb to11mb is my joy.
The another one is mobile whip HFC-80L□@fed by coaxicial cable and tuned/boost
by RD-9830.□@Rather narrow range, but free from spurious signals. Suitable to 90mb or 60mb.
RD-9830,it is a'70s Panasonic product. An antenna-tuner coupled with 20dB
amplifier. Its dynamic range is somewhat narrow, but no problem for molibe operation.

To locate HFC-80L on the roof, I use a magnetic base.

Operation is simply joyful. I love African-tropical music, as well as Brazilian.
I park my car in the riverside space on early morning or late noon, so-called twilight
time.
The following audio-file (wave) is recorded from my R75 , using an external speaker

AIWA SX-T5. The recording divice is digital type.
http://mav.nifty.com/ahp/textview.cgi?nodxc+14100+235
The files was recorded on June 17, 2002, around 2000UTC. In Japan time, it was
June 18, 2002 around 0500, early morning.
The file number □gwave 4□h is R.TV.Malagasy on 5010kHz
Also □gwave 5□h is Radio Nacional de Equatorial Guinea on 6249kHz.
The last one,□hwave6□h is R.Nederland via Bonaire relay station,on 21590kHz.

Manabu Doi ,SWL in Japan.

1840. Re: [icomr75] Okayama

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-26 03:28:50 UTC
From: Eric F. Richards
Topic: 1834 Message: 1840

At 08:32 PM 6/24/2002 -0700, you wrote:
>Hello
>As far as I know, "BCL" is not a common phrase here. I have not heard
>it sed at any rate.

I have, but back in the 70s. Broadcast Listener.

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

1841. K7HOG Field Day and Rohn HBX-56 Tower for sale

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-27 03:48:04 UTC
From: regularguy01
Topic: 1841 Message: 1841

The K7HOG Field Day team was hosted by Marsh Johnson, KK7CW. The set up was 3a high power with all hf bands in use, as well as a novice station.
I operated at the 20 meter ssb and cw position, as well as the 75 meter ssb position. Conditions were pretty good, with ability to hold a frequency even on 20 ssb with about 350 - 400 watts to a TA 33 JR at 45 feet or so.
Total efforts netted us approximately 1600 QSO's total, with the majority on 20 and 75 ssb.
The operators were Larry, AA0BY, John, K7FD, Harlan, N7HN, Jack, K7QH, Marsh, KK7CW, Chuck, KK7KU, and other operators. There were approxiamtely 35 operators who showed up.
How did everyone else do?
73,
Larry, AA0BY
aa0byglobalhams@yahoogroups.com
aa0by@...

http://groups.yahoo.com/group/aa0bysglobalhams

For Sale: Rohn HBX 56 tower with all hardware. Good condition. Asking $325. Contact me at the aa0by@... addy for more info.

1842. R-75 for Sale

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-27 12:21:32 UTC
From: DFW1417
Topic: 1842 Message: 1842

Unit is in Excellent Condition. No modifications have been done to this unit. I have been using it on a long wire antenna and it really pulls in the stations, but I have so little time to use it, that I am now selling it. The unit comes with the wall wart power supply but the cable got caught in a chair and was cut so I spliced the cable to repair it. It works fine. I do not have the original box or packing but I will pack it well to prevent damage and ship it to your door via PRIORITY, INSURED, and tracked mail to the US ONLY. Payment is with POSTAL MONEY ORDER ONLY. I trade as Scanman3 on Ebay if you desire references. I will ship the same day as I receive your postal money order. I am selling it for $435.00 plus $25.00 for shipping/insurance for a total of $460.00. Contact me via Email link above. Thanks. Wayne.

Oh, yes it also includes the orignal Manual, Schematics for the Unit I found, along with an alignment procedure if you ever need it and several R-75 test reports I found on the Internet and the ICOM R-75 Brochure. You WON'T be disappointed with this receiver!

1844. Loggins with IC-R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-27 14:17:58 UTC
From: manabu662001
Topic: 1844 Message: 1844

The following are loggings of my mobile operation on June 26

6184.94kHz R.Educacion(presumed) (SP) 6/26 0932-0937 SINPO33333□`32332
□¨QRMed by a China Station on 6185.00kHz infrequently.
Using 3.3kHz/2.8kHz filters, LSB-ECSS reception.

6180.00kHz R.Nac.da Amazonia (PR) 6/26 0937-0938 SINPO33333
□¨Using a method of the beat-comparison, I confirmed this Brazilian
station having been preserving JUST 6180kHz over a year.

5990.00kHz R.Senado (PR) 6/26 0938-1001 SINPO32332□`33333□@
□¨This Brazilian station is usually overcome with clicky-type
jamming..But,this time he beated it.

9504.90kHz R.Record (presumed) (PR) 6/26 1004-1008 SINPO33332□@

6458.5kHz USB AFRTS-Puerto Rico (EG) 6/26 1009 SINPO23332
□¨With R75's PREAMP-1,the rate of SINPO rised to 33333

All times in UTC.

The equipment was the following.
Receiver: IC-R75
Power supply: Car battery,via a cigar plug
Antenna: AN-1 on the roof (acitive type,made by SONY)
Location: On the top of bank in Okayama-City, Japan

The affinity of AN-1 to R75 is very good. DXing with this system is
very fantastic.
Also with AN-102,which is an indoor type of AN-1, good,but somewhat
noisy,less satisfactory.

Manabu Doi, a SWL in Okayama,Japan

1845. Icom service have an email??

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-27 14:37:28 UTC
From: Art Burke
Topic: 1844 Message: 1845

Hi to all:

I sent my radio (R75) in for service about 3 weeks ago...I gave them a call two weeks ago and
they said that they were running behind, but did receive it.
I'm wondering if they have an email address that customer service responds to?
I sent it to the Seattle, Wash office.

Thanks for the help,

Art

[Non-text portions of this message have been removed]

1846. Icom couldn't find a problem with it>>#(*$&&$

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-27 15:57:18 UTC
From: Art Burke
Topic: 1844 Message: 1846

Oh Boy:

I sent my radio in about 1 month ago, just got off the phone with Icom.
They said that my radio
worked fine when they got it...Checked it out thoroughly.
I checked the power supply very carefully. It read (if I remember
correctly) about 19 volts D.C.
They are shipping it out tomorrow.
What does everyone recommend I do now?
I'm perplexed.

Thanks,

Art

[Non-text portions of this message have been removed]

1847. Re: [icomr75] Icom couldn't find a problem with it>>#(*$&&$

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-27 17:40:21 UTC
From: efricha@dimensional.com
Topic: 1844 Message: 1847

>
> Oh Boy:
>
> I sent my radio in about 1 month ago, just got off the phone with Icom.
> They said that my radio
> worked fine when they got it...Checked it out thoroughly.
> I checked the power supply very carefully. It read (if I remember
> correctly) about 19 volts D.C.
> They are shipping it out tomorrow.
> What does everyone recommend I do now?

Well, that depends on what it was doing -- or not doing.

What are the symptoms?

Eric

> I'm perplexed.
>
> Thanks,
>
> Art
>

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

1848. Re: Icom couldn't find a problem with it>>#(*$&&$

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-27 17:50:52 UTC
From: DFW1417
Topic: 1844 Message: 1848

If you use the provided Icom AC Adapter it will read about 19 to 20 volts DC when unattached to the receiver and read with a voltmeter. This is NORMAL. Remember the provided Adapter IS NOT a REGULATED POWER SUPPLY so the supply voltage will drop once a load is placed on the power supply. That is why it is ALWAYS best to run high dollar receivers off REGULATED 13.8Vdc power supplies whenever possible.

Wayne.

--- In icomr75@y..., "Art Burke" <pianomanab@s...> wrote:
> Oh Boy:
>
> I sent my radio in about 1 month ago, just got off the phone with Icom.
> They said that my radio
> worked fine when they got it...Checked it out thoroughly.
> I checked the power supply very carefully. It read (if I remember
> correctly) about 19 volts D.C.
> They are shipping it out tomorrow.
> What does everyone recommend I do now?
> I'm perplexed.
>
> Thanks,
>
> Art
>
>
>
>
> [Non-text portions of this message have been removed]

1849. RE: [icomr75] Icom couldn't find a problem with it>>#(*$&&$

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-27 20:00:20 UTC
From: Art Burke
Topic: 1844 Message: 1849

I sent the radio off with the symptoms of being "dead". When plugged in, no display, beeps, audio, anything.
I opened it up, checked the fuse, it measured fine. I checked for voltage across the fuse. It was there on both sides.

They said they found no problems with it...Unless they got the radios mixed up, or the lady was looking at the wrong ticket.
I can't believe it was dead when it left here and had a speedy recovery in the transit...:)

Art
-----Original Message-----
From: efricha@... [mailto:efricha@...]
Sent: Thursday, June 27, 2002 1:40 PM
To: icomr75@yahoogroups.com
Cc: Eric F. Richards
Subject: Re: [icomr75] Icom couldn't find a problem with it>>#(*$&&$

>
> Oh Boy:
>
> I sent my radio in about 1 month ago, just got off the phone with Icom.
> They said that my radio
> worked fine when they got it...Checked it out thoroughly.
> I checked the power supply very carefully. It read (if I remember
> correctly) about 19 volts D.C.
> They are shipping it out tomorrow.
> What does everyone recommend I do now?

Well, that depends on what it was doing -- or not doing.

What are the symptoms?

Eric

> I'm perplexed.
>
> Thanks,
>
> Art
>

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

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[Non-text portions of this message have been removed]

1850. Re: [icomr75] Icom couldn't find a problem with it>>#(*$&&$

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-27 20:16:41 UTC
From: Bob Parnass, AJ9S
Topic: 1844 Message: 1850

Did you send ICOM your "floor wart" power supply along
with the receiver?

--
===
Bob Parnass, AJ9S Linux User www.parnass.org

1851. RE: [icomr75] Icom couldn't find a problem with it>>#(*$&&$

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-27 22:14:10 UTC
From: Art Burke
Topic: 1844 Message: 1851

No,
I just measured it with a digital voltohm meter.
The first thing I'll do when I get it back is hook it up to my Astron 35 amp supply.
However, my wall wart measured fine. No AC under a load and the DC looked good across the fuse
inside the radio.

Art
-----Original Message-----
From: Bob Parnass, AJ9S [mailto:parnass@...]
Sent: Thursday, June 27, 2002 4:17 PM
To: icomr75@yahoogroups.com
Subject: Re: [icomr75] Icom couldn't find a problem with it>>#(*$&&$

Did you send ICOM your "floor wart" power supply along
with the receiver?

--
==========
Bob Parnass, AJ9S Linux User www.parnass.org

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[Non-text portions of this message have been removed]

1852. Re: Icom couldn't find a problem with it>>#(*$&&$

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-28 01:47:02 UTC
From: DFW1417
Topic: 1844 Message: 1852

Maybe you just had a flaky power switch. Mine sometimes I think I
have pushed it to turn it on and it does'nt come on so I push it
again and it comes on. You hate to think that, but just another
possibility.

Wayne.

--- In icomr75@y..., "Art Burke" <pianomanab@s...> wrote:
> No,
> I just measured it with a digital voltohm meter.
> The first thing I'll do when I get it back is hook it up to my
Astron 35 amp
> supply.
> However, my wall wart measured fine. No AC under a load and the DC
looked
> good across the fuse
> inside the radio.
>
> Art
> -----Original Message-----
> From: Bob Parnass, AJ9S [mailto:parnass@m...]
> Sent: Thursday, June 27, 2002 4:17 PM
> To: icomr75@y...
> Subject: Re: [icomr75] Icom couldn't find a problem with it>>#
(*$&&$
>
>
> Did you send ICOM your "floor wart" power supply along
> with the receiver?
>
> --
>
==========
===
> Bob Parnass, AJ9S Linux User
www.parnass.org
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@e...
>
>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
>

>
>
> [Non-text portions of this message have been removed]

1853. Re: [icomr75] Loggins with IC-R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-28 07:12:19 UTC
From: Todd Gaine
Topic: 1844 Message: 1853

Doi-san,

Please tell me more about the R-75 and AN-1 operation and connection. I have the AN-1 for my SW-77. Doesn't a pre-amp overload the R-75? Do you use a standard AN-1 whip? Do you switch off the R-75 pre-amps?

I have also been interested in mobile operation of my various radios. It would be great to get out of the city, or up a mountain or on the beach and be able to SWL. If only I had the time to do all those things!

Todd
Icom R75 & PCR1000
Sony SW77
ITT 3021
Furuno RV107

----- Original Message -----
From: manabu662001
To: icomr75@yahoogroups.com
Sent: Thursday, June 27, 2002 4:17 PM
Subject: [icomr75] Loggins with IC-R75

The following are loggings of my mobile operation on June 26

6184.94kHz R.Educacion(presumed) (SP) 6/26 0932-0937 SINPO33333☐`32332
☐¨QRMed by a China Station on 6185.00kHz infrequently.
Using 3.3kHz/2.8kHz filters, LSB-ECSS reception.

6180.00kHz R.Nac.da Amazonia (PR) 6/26 0937-0938 SINPO33333
☐¨Using a method of the beat-comparison, I confirmed this Brazilian
station having been preserving JUST 6180kHz over a year.

5990.00kHz R.Senado (PR) 6/26 0938-1001 SINPO32332☐`33333☐@
☐¨This Brazilian station is usually overcome with clicky-type
jamming..But,this time he beated it.

9504.90kHz R.Record (presumed) (PR) 6/26 1004-1008 SINPO33332☐@

6458.5kHz USB AFRTS-Puerto Rico (EG) 6/26 1009 SINPO23332
☐¨With R75's PREAMP-1,the rate of SINPO rised to 33333

All times in UTC.

The equipment was the following.
Receiver: IC-R75
Power supply: Car battery,via a cigar plug
Antenna: AN-1 on the roof (acitive type,made by SONY)
Location: On the top of bank in Okayama-City, Japan

The affinity of AN-1 to R75 is very good. DXing with this system is very fantastic.
Also with AN-102,which is an indoor type of AN-1, good,but somewhat noisy,less satisfactory.

Manabu Doi, a SWL in Okayama,Japan

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[Non-text portions of this message have been removed]

1854. Re: Icom couldn't find a problem with it>>#(*$&&$

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-28 08:39:27 UTC
From: Eddie Bryant
Topic: 1844 Message: 1854

> Subject: Icom couldn't find a problem with it>>#(*$&&$.
> Oh Boy.
> I sent my radio in about 1 month ago, just got off the phone with Icom.
> They said that my radio
> worked fine when they got it...Checked it out thoroughly.
> I checked the power supply very carefully. It read (if I remember
> correctly) about 19 volts D.C.
> They are shipping it out tomorrow.
> What does everyone recommend I do now?
> I'm perplexed.
> Thanks,
> Art

I would ask them if they heated and or cold soaked the unit and
then tested. Sounds like your problem is intermittent and the defective
components can sometimes be isolated by spot heating(heatgun or
oven) or cold soaking (deep freezer or freeze spraying) the radio.
This was a common troubleshooting procedure for intermittent
failures when I worked Aircraft Avionic black boxes. Of course
vibration is another things that could be a factor here since it was
shipped.

On a further note on vibration when shipping...My second R75 came
with the VFO knob loose inside the box completely off the shaft
of the radio. All the vibration in shipping worked it completely loose.
However, trying to remove it again after reattaching it is almost
impossible. Amazing what vibrations from shipping can do!

This does not pertain to the R75 but I just received another radio/
scanner with damage to the clear plastic LCD display screen. This
was the result of vibration of the bubble wrap against an uncovered
clear plastic lense. This radio manufacturer now places a protective
cover on the screen to protect it during shipping.

Shipping a radio can cause many negative or as it sounds like in
your case positive results.

Best of Luck on the R75 holding in there!

Ed
N4UMJ

1855. Re: Loggins with IC-R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-28 14:46:22 UTC
From: manabu662001
Topic: 1844 Message: 1855

Dear Mr. Gaine,

Thank you for reply!
To connect AN-1 to R75, there are two ways.
One:
Using an adapter PL259 to mini-plug.
Such plug is sold by some shops, Universal Radio for example.

http://www.universal-radio.com/catalog/parts/so2adapt.html

Via such adapter and coax cable with SO-239 plug in the each end, we
can connect AN-1□fs controller with R75 strictly.

The another:
Inserting a banana plug to the center hole of the SO-239 antenna jack
of R75.
Also the following URL is useful.

http://www.universal-radio.com/catalog/parts/banana.html

We can connect AN-1□fs controller with R75 via a cable supplied with
AN-1.
The cable□fs ends, one is a mini plug, the other is twin clips
colored in red and black.
For more details, please see photos in the following URL

http://mav.nifty.com/ahp/textview.cgi?nodxc+14100+242
http://mav.nifty.com/ahp/textview.cgi?nodxc+14100+243

As to the overloading, AN-1 sometimes produces mixed spurious signals
caused by the diodes inserted for protection of RF-AMP. But it is
infrequent and restricted to some areas of world band, so not a
serious problem. I□fm using a supplied whip element of AN-1,and the
amplifier is not modified. So, my AN-1 is in stock condition. My AN-1
itself, does not overload the R75 even if the PREAMP-2 switched in.
The exception occurs in the area of medium or long wave. Because the
filters in R75□fs front end are not divided in the area, I observed
some overloading with the PREAMP-2.
The strength of electric field around my location is not so severe.
If you lives in a location where the spectrum is rather crowded, you
may have to go far away and get out of the city for preventing
overload.
The mobile operation is convenient in such respect. I also use AOR
AR3030.
Let□fs enjoy!

Manabu Doi, a SWL in Okayama Japan

1856. Trade For R75 or R8

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-28 21:25:27 UTC
From: dewayne48
Topic: 1856 Message: 1856

Looking to trade for MINT Icom R75 or Drake R8 or R8A. Have to trade the
following:

Uniden UBC 3000XLT bought new this year, full 800 MHz, 30 kHz steps for cell
band, beautiful case, telescoping antenna with swivel, manual, battery pack,
PS, barely used.

Also have to trade a Sony 7600GR w/Sony PS, manual, reel antenna, in excellent cond.

Also a Sony AN-LP1 antenna bought new this year.
DeWayne KE9K

1857. Eavesdropper Model T or C

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-29 14:03:31 UTC
From: Moxie3
Topic: 1857 Message: 1857

Is anyone using the Eavesdropper Model T or C antenna? I'm asking as I'm thinking about buying one but I'm concerned about the frequency gaps - it covers 9 of the 12 shortwave bands. I've been using a Radio Shack long wire (which I believe receives the full frequency range) and thought that the Eavesdropper would improve reception. Lastly, I'll be installing the Eavesdropper's 43 foot antenna in an attic and don't want to install one outside. Any thoughts would be appreciated.

George

[Non-text portions of this message have been removed]

1858. Radios FS or Trade For R75 or R8

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-06-29 16:12:27 UTC
From: dewayne48
Topic: 1858 Message: 1858

Have the following items for sale or trade for Mint Icom R75 w/DSP or Drake R8 or R8A:

Uniden UBC 3000XLT bought new this year, barely used, beautiful case, ps, swivel telescoping antenna, manual, full 800 MHz, 30 kHz step mod, $285 + shipping or trade

Sony 7600GR, Sony PS, manual, reel antenna, case, $145 + shipping or trade

Sony AN-LP1 loop antenna with all accessories, bought new recently, trade only

Looking to trade even if possible.

DeWayne KE9K

1859. FA: ICOM IC-R75 Communications Receiver (UK ONLY PLEASE)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-01 13:47:56 UTC
From: bigyun2000
Topic: 1859 Message: 1859

Hi all.

I am auctioning my ICOM IC-R75 30khz - 60mhz Communications Receiver. This is a great receiver and is in mint condition, boxed with manuals. Includes the DSP and also the Radio Control Software from Icom. Reason for sale is I am buying a transceiver.

See it here http://cgi.ebay.co.uk/ws/eBayISAPI.dll?ViewItem&item=1363774711

Thanks to all. BTW just come from Waddington A/show. Not as good as last visit.

1860. Icom IC-R75 For Sale.

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-02 00:35:24 UTC
From: Rodger N. Bird II
Topic: 1860 Message: 1860

I have a Icom IC-R75 All Mode Communications Receiver For Sale.

Specifications:
Coverage: 0.03 - 60 MHz
Modes: AM, S-AM, FM, USB, LSB, CW, RTTY
99 memory channels plus 2 scan edges
Triple conversion superheterodyne receiver
Selectable RF gain/squelch control
Attenuator
1 Hz tuning resolution
2 level preamp
Selectable AGC
Three timer functions: sleep, power OFF, power ON
Noise blanker
Single touch controls
12V DC Power (120V AC adapter included)

Options included:
Icom UT-106 DSP UNIT: Provides AF DSP functions such as noise reduction and auto notch. ($150.00 option)

Icom FL-257 SSB WIDE: 3.3 kHz/-6 dB ($160.00 option)

Icom SP-21 External Speaker ($120.00 option)

The Icom IC-75 is like new and in Excellent condition. No modifications have been done to it. I have the original owner and have the original box and manual.

The selling price of $600.00 includes shipping and insurance costs within the continental United States via the U.S. POSTAL Service. Payment with a U.S. POSTAL Service MONEY ORDER is preferred.

Please email me direct if you are interested. Do not reply to this message. My email address is: rbird2@...

Thank you,

Rodger

1861. R75 Without DSP?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-02 05:19:58 UTC
From: dewayne48
Topic: 1861 Message: 1861

Seems that Icom stopped giving away the DSP. Just wondering what you all think of an R75 without the DSP. I can get one for $477.50 shipped. Thanks!
DeWayne KE9K

1862. RE: [icomr75] R75 Without DSP?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-02 05:50:41 UTC
From: HFSSB
Topic: 1861 Message: 1862

I would go for a nice used one with DSP which are going for around the same price or even less on "e b a y" lately. Bought one myself for $420 and can tell you that the DSP is well worth having. In my opinion the DSP autonotch filter is a must and worth it alone but the DSP noise reduction works well also and really makes it easy on the ears.

Marty

-----Original Message-----
From: dewayne48
Seems that Icom stopped giving away the DSP. Just wondering what you all think of an R75 without the DSP. I can get one for $477.50 shipped. Thanks!
DeWayne KE9K

1863. Which Antenna Are You Using?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-02 22:00:43 UTC
From: Moxie3
Topic: 1863 Message: 1863

Was wondering which antenna you guys are using for your R75 and whether you are satisfied with it, especially indoor antennas

George.

[Non-text portions of this message have been removed]

1864. Re: Which Antenna Are You Using?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-03 00:31:48 UTC
From: homer9600
Topic: 1863 Message: 1864

I use a Barker & Williamson AP10-A portable apartment antenna. It attaches to my window when I want to use it. It is very good and I pick up loads of stations. I use an MFJ-16010 antenna tuner with it.

Not bad and a lot better than tossing a wire out the window or stringing something inside.

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Was wondering which antenna you guys are using for your R75 and whether you are satisfied with it, especially indoor antennas
>
> George.
>
>
> [Non-text portions of this message have been removed]

1865. Re: Which Antenna Are You Using?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-03 00:32:06 UTC
From: homer9600
Topic: 1863 Message: 1865

I use a Barker & Williamson AP10-A portable apartment antenna. It attaches to my window when I want to use it. It is very good and I pick up loads of stations. I use an MFJ-16010 antenna tuner with it.

Not bad and a lot better than tossing a wire out the window or stringing something inside.

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Was wondering which antenna you guys are using for your R75 and whether you are satisfied with it, especially indoor antennas
>
> George.
>
>
> [Non-text portions of this message have been removed]

1866. Re: Which Antenna Are You Using?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-03 05:25:36 UTC
From: jim_hack
Topic: 1863 Message: 1866

60ft. random wire run N/S. Best setup I've tried yet.

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Was wondering which antenna you guys are using for your R75 and whether you are satisfied with it, especially indoor antennas
>
> George.
>
>
> [Non-text portions of this message have been removed]

1867. Re: [icomr75] Re: Which Antenna Are You Using?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-03 05:38:32 UTC
From: n4aiw@aol.com
Topic: 1863 Message: 1867

A 40 m dipole home made. An r6000 cushcraft vertical. both work remember that most am and swl stations transmit vertical.

1868. Re: AP10 apartment antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-03 08:13:57 UTC
From: James Z
Topic: 1868 Message: 1868

> Date: Wed, 03 Jul 2002 00:32:06 -0000
> From: "homer9600" <swl2010@...>
> Subject: Re: Which Antenna Are You Using?
>
> I use a Barker & Williamson AP10-A portable apartment antenna. It
> attaches to my window when I want to use it. It is very good and I
> pick up loads of stations. I use an MFJ-16010 antenna tuner with it.
>
> Not bad and a lot better than tossing a wire out the window or
> stringing something inside.

How well does it work below 3 Mhz, the web page specs say its for 7-30 Mhz.
Are you on a ground floor or second?

James Z.

1869. Re: Which Antenna Are You Using?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-03 13:38:00 UTC
From: njlar
Topic: 1863 Message: 1869

--- In icomr75@y..., n4aiw@a... wrote:
> A 40 m dipole home made. An r6000 cushcraft vertical. both work remember that
> most am and swl stations transmit vertical.

This may start a flame war, but horizontal vs vertical polarization doesn't matter on HF; the ionosphere scrambles it anyway. You should select vertical vs horizontal based on the antenna pattern you want (verticals are omnidirectional with a low angle of attack; horizontals can be "aimed" to some degree depending on type, but dipoles have a high angle of attack unless they are greater than 1/2 wavelength off the ground.)

1870. RE: [icomr75] Re: Which Antenna Are You Using?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-03 14:38:27 UTC
From: HFSSB
Topic: 1863 Message: 1870

...This may start a flame war, but horizontal vs vertical polarization doesn't matter on HF...

Yup, that's because it does matter!

From the Amateur question pool:
(see question #6, click on answers to see True or False
http://www.geocities.com/ResearchTriangle/Campus/2315/T9B.htm)

Question: What electromagnetic-wave polarization does most man-made electrical noise have in the HF and VHF spectrum?

Answer: Vertical

That's why Hams know when we put up a vertical ant. to expect more noise on receive. I can tell you after more than 30 years of using both types (horizontal and vertical polarization) I can verify that horizontal generally (there will always be exceptions) means less noise when receiving. For HF SWL if you have a choice go horizontal.

Marty KT4K

1871. Re: [icomr75] Re: Which Antenna Are You Using?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-03 15:12:18 UTC
From: Todd Gaine
Topic: 1863 Message: 1871

Except he wasn't referring to whether there was more, or less, noise on a vertical antenna.

The discussion was whether a vertically polarised HF transmission remained vertically polarised after reflection (or multiple reflections) off the ionosphere.

Of course, you are right about the noise on a vertical antenna. And not only Hams know that!

Todd

----- Original Message -----
From: HFSSB
To: icomr75@yahoogroups.com
Sent: Wednesday, July 03, 2002 4:38 PM
Subject: RE: [icomr75] Re: Which Antenna Are You Using?

...This may start a flame war, but horizontal vs vertical polarization
doesn't matter on HF...

Yup, that's because it does matter!

From the Amateur question pool:
(see question #6, click on answers to see True or False
http://www.geocities.com/ResearchTriangle/Campus/2315/T9B.htm)

Question: What electromagnetic-wave polarization does most man-made electrical noise have in the HF and VHF spectrum?

Answer: Vertical

That's why Hams know when we put up a vertical ant. to expect more noise on receive. I can tell you after more than 30 years of using both types (horizontal and vertical polarization) I can verify that horizontal generally (there will always be exceptions) means less noise when receiving. For HF SWL if you have a choice go horizontal.

Marty KT4K

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[Non-text portions of this message have been removed]

1872. RE: [icomr75] Re: Which Antenna Are You Using?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-03 17:00:59 UTC
From: HFSSB
Topic: 1863 Message: 1872

Thanks for clueing me in Todd.

This is the quote he put from a previous email to show what he was referring to:
> A 40 m dipole home made. An r6000 cushcraft vertical. both work
remember that
> most am and swl stations transmit vertical.

I took this to refer to what would be the best antenna to use in context of the subject "Which Antenna Are You Using?" while receiving AM and SWL broadcast stations and what type of antenna polarization they use but apparently missed part of the earlier comments. Sure didn't want to leave anyone with the impression that they are equal (of course verticals have their advantages also).

Yea, there are a lot of sharp individuals out there that are not Hams, and some hams who "ain't" real sharp 8^)

Marty IR1 - KT4K

-----Original Message-----
Except he wasn't referring to whether there was more, or less, noise on a vertical antenna.
The discussion was whether a vertically polarised HF transmission remained vertically polarised after reflection (or multiple reflections) off the ionosphere.
Of course, you are right about the noise on a vertical antenna. And not only Hams know that!
Todd
[

1873. Re: [icomr75] Which Antenna Are You Using?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-03 18:28:42 UTC
From: E de Jong
Topic: 1863 Message: 1873

At the moment I'm using two random wires, the 1st is 15 meters copperwire running outside at 3-5 meters high. No coax attached, just the same copper wire directly into the antenna-input on the R75. It's the more quiet one of the two and is most effective on lower frequencies (2 - 16 Mhz)
The 2nd is 5,5 meters copper wire running on the attic at 6-7 meters high. The end is connected to 50 Ohm coax leading into ant2 of the R75. Most effective on 20-40 Mhz.
The funny part is that on the higher freqs less signal is received on the 1st antenna, but also less noise. It receives cordless phones on 31-49 Mhz just fantastic because of that.

There's still a lot to discover and experiment with antennas but for now i'm quite satisfied.

Ed de Jong
Balk. The Netherlands
URL: http://beam.to/galact
E-mail: ed@... <mailto:ed@...> (default)

_____
{The night hides a world but unveils a universe}

----- Original Message -----
From: Moxie3
To: icomr75@yahoogroups.com
Sent: Wednesday, July 03, 2002 12:00 AM
Subject: [icomr75] Which Antenna Are You Using?

Was wondering which antenna you guys are using for your R75 and whether you are satisfied with it, especially indoor antennas

George.

[Non-text portions of this message have been removed]

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icomr75-unsubscribe@egroups.com

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[Non-text portions of this message have been removed]

1874. Re: Which Antenna Are You Using?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-03 22:00:31 UTC
From: manabu662001
Topic: 1863 Message: 1874

Dear members,

Sometimes I use SONY AN-102, which is an indoor type acitive antenna.
This is sensitive, but weak to noise. I encounter some spurious
signals caused by AN-102's arrester diodes.

For a short period in a fine day, an outdoor(mobile) operation is
possible. But AN-102 is more subjet to suffer a radiated noise from
my automobile itself than AN-1.

Manabu Doi, a SWL in Okayama,Japan

1875. Re: Which Antenna Are You Using?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-03 23:24:37 UTC
From: gricer37
Topic: 1863 Message: 1875

I use a wellbrook ala1530 loop.before that i used an indoor wire run in the loft of about 60 ft.

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Was wondering which antenna you guys are using for your R75 and whether you are satisfied with it, especially indoor antennas
>
> George.
>
>
> [Non-text portions of this message have been removed]

1876. Re: [icomr75] Re: Which Antenna Are You Using?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-03 23:46:53 UTC
From: SP600historian@aol.com
Topic: 1863 Message: 1876

In a message dated 7/3/02 6:25:58 PM, gricer37@... writes:

<< - In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Was wondering which antenna you guys are using for your R75 and whether you are satisfied with it, especially indoor antennas
>
> George. >>

Alpha Delta Sloper, low end @10 degrees. 125 ft. inverted L and a Quantum QX Pro Loop.

Les Locklear
SP-600 Historian
http://www.hammarlund.info/
Gulfport, Ms.

1877. What antenna do you use?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-04 00:09:14 UTC
From: Brandon Jordan
Topic: 1877 Message: 1877

I'm using a Wellbrook ALA-330 broadband activated loop antenna. This is truly an amazing antenna that discriminates against locally generated QRN sources. I cannot more highly recommend an antenna for anyone in an electrical noisy envrionment needing a limited space antenna that is useable indoors and out.

http://www.wellbrook.uk.com

Brandon Jordan - Memphis TN - bjordan@...
Icom R75 - Palstar R30C - Quantum QX Pro - Wellbrook ALA 330

1878. Re: [icomr75] Re: Which Antenna Are You Using?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-04 02:36:04 UTC
From: Moxie3
Topic: 1863 Message: 1878

Gricer37,
How does the Wellbrook ALA1530 compare with the 60' run in your loft?
----- Original Message -----
From: gricer37
To: icomr75@yahoogroups.com
Sent: Wednesday, July 03, 2002 6:24 PM
Subject: [icomr75] Re: Which Antenna Are You Using?

I use a wellbrook ala1530 loop.before that i used an indoor wire run
in the loft of about 60 ft.

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Was wondering which antenna you guys are using for your R75 and
whether you are satisfied with it, especially indoor antennas
>
> George.
>
>
> [Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

1879. Re: which antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-04 01:39:30 UTC
From: Jem Cullen
Topic: 1879 Message: 1879

I use Alpha-delta DX ULtra, (multiband dipole)fed by coax, and a 30M long random wire, both running north south approx, also coax fed, but without a balun at the coax/antenna join.

the alpha delta is much quieter, but on some freqs can be a bit DEAF i say. but on the freqs where it works, it works VERY well!
the wire is a wire. can be noisy, can be surprising.
i also have a shorter (about 6-7 metre) wire running east-west. this one is anchored to a tree that moves a lot in the wind, so keeps snapping the wire (grin). Its also lower to the ground and nearer the house, so can pick up lots noise.

the last antenna is a CB vertical, retuned for the 10M ham band. being nice and high, a fair way from the house, NON DIRECTIONAL and coax fed all the way, its very quiet.

It works great on the higher freqs, but down low is a waste, beacusee of its tuning.

to me there are some things in favour of verticals.

1- less space needed and eye pollution (in some peoples eyes). I have even seen hidden verticals disguised as flag poles or runing up treetrunks.

2- NON directional, if your garden runs the wrong way for the best signals, you got problems, also if ur garden runs broadside to a big city or lotsa noise/interferance sources.... besides most us want to hear things from all corners of the globe.

3.. low angle of radiation. seems when these sigs skip off the ionosphere on the greyline, they come in very low angle to the horizon. Verticaals are better at low angle then horizontals i have heard.

4.. they only need one anchor.. my dipole is between my house a tree and a big pole in the middle 3 anchors. the wires need two, the vert just sits on the one pole until they get so big they need guy wires
. tend to weather storms better too!

that said if the wife was to say to me i got too many antennas I gotta get rid of some, i would divorce her.... no hang on i was gunna say i would ditch the vertical.

73 de jem
vk2jem

_____
Join the world?s largest e-mail service with MSN Hotmail.
http://www.hotmail.com

1880. Re: [icomr75] Re: Which Antenna Are You Using?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-04 02:32:38 UTC
From: klodtlarry@aol.com
Topic: 1863 Message: 1880

I am using a 65' random wire strung between my house and a tree atop a hill behind it. The end that is feed with lead in (this is a Radio Shack $10 kit) is approx 10' off the ground and the high end is approx 20' off the ground. Seems to work great!

LARRY :-)

Waterloo, Iowa

[Non-text portions of this message have been removed]

1881. Re: [icomr75] Re: Which Antenna Are You Using?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-04 02:48:44 UTC
From: Gerald Atherton
Topic: 1863 Message: 1881

Two 1200 ft Bev's aimed North/south and East/West.
Also have a 1400 ft Bev running Southeast/Northwest.
I also have several box loops of various sizes.
73's

Jerry
WA9CXN
Rice Lake, Wi

At 12:25 AM 7/3/02, you wrote:
>60ft. random wire run N/S. Best setup I've tried yet.
>
>--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> > Was wondering which antenna you guys are using for your R75 and
>whether you are satisfied with it, especially indoor antennas
> >
> > George.
> >
> >
> > [Non-text portions of this message have been removed]
>
>
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>
>
>
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1882. Re: [icomr75] Re: which antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-04 02:52:42 UTC
From: n4aiw@aol.com
Topic: 1879 Message: 1882

If your talking about the new holland solarcon a99, theirs a company in the USA
called firestik that sales a 5/8 wave Addison that fits were the top tip screws in. I
also use the ground plane kit to lower the angle of radiation. I also like to use a folded dipole which is a collapsed quad.

1883. Re: Shortwave Polarization

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-04 05:10:15 UTC
From: Eddie Bryant
Topic: 1883 Message: 1883

Here's a couple of links to shed some light onto
the antenna polarity question mentioned earlier:

"ALYX ANTENNA GUIDE"
http://www.antenna.be/

http://www.antenna.be/art4.html

http://www.antenna.be/art1.html

Most of this info. is from the SW Broadcaster
perspective.

I use a Vertical Telescopic 42" whip directly
attached to the R75. Works quite well except
it's a little short for the Broadcast Band 530-
1700kHz. I am planning on upgrading to an
attic mounted Horizontal Dipole shortly. I
just have to build it up!

Ed
N4UMJ

1884. Determining Whether Antenna Is Acceptable

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-04 16:01:30 UTC
From: Moxie3
Topic: 1884 Message: 1884

Being new to shortwave, etc., I'm wondering whether my indoor shack antenna installation is sufficient for receiving many of the stations expected of the R75. I am receiving stations but I expected more. I think Eric mentioned a pirate station at 6955 but I can never seem to receive it. I realize I have an indoor antenna and it isn't as good as being outside, etc., but I think I should be receiving more of them. Can anyone provide average stations that you think I should be receiving based upon my indoor Radio Shack antenna? Thanks,

George

[Non-text portions of this message have been removed]

1885. Re: [icomr75] Determining Whether Antenna Is Acceptable

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-04 15:45:34 UTC
From: Eden Hancock
Topic: 1884 Message: 1885

Where are you located?
----- Original Message -----
From: Moxie3
To: icomr75@yahoogroups.com
Sent: Thursday, July 04, 2002 9:01 AM
Subject: [icomr75] Determining Whether Antenna Is Acceptable

Being new to shortwave, etc., I'm wondering whether my indoor shack antenna installation is sufficient for receiving many of the stations expected of the R75. I am receiving stations but I expected more. I think Eric mentioned a pirate station at 6955 but I can never seem to receive it. I realize I have an indoor antenna and it isn't as good as being outside, etc., but I think I should be receiving more of them. Can anyone provide average stations that you think I should be receiving based upon my indoor Radio Shack antenna? Thanks,

George

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

1886. New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-04 17:36:36 UTC
From: icomr75@yahoogroups.com
Topic: 242 Message: 1886

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the icomr75
group.

File : /Phil's Shack/w_Solar.jpg
Uploaded by : just_rtfm <just_rtfm@...>
Description : Solar Flare Wallpaper

You can access this file at the URL

http://groups.yahoo.com/group/icomr75/files/Phil%27s%20Shack/w_Solar.jpg

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

just_rtfm <just_rtfm@...>

1887. Re: [icomr75] Determining Whether Antenna Is Acceptable

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-04 18:56:48 UTC
From: Moxie3
Topic: 1884 Message: 1887

Tampa, Fla.
----- Original Message -----
From: Eden Hancock
To: icomr75@yahoogroups.com
Sent: Thursday, July 04, 2002 10:45 AM
Subject: Re: [icomr75] Determining Whether Antenna Is Acceptable

Where are you located?
----- Original Message -----
From: Moxie3
To: icomr75@yahoogroups.com
Sent: Thursday, July 04, 2002 9:01 AM
Subject: [icomr75] Determining Whether Antenna Is Acceptable

Being new to shortwave, etc., I'm wondering whether my indoor shack antenna installation is sufficient for receiving many of the stations expected of the R75. I am receiving stations but I expected more. I think Eric mentioned a pirate station at 6955 but I can never seem to receive it. I realize I have an indoor antenna and it isn't as good as being outside, etc., but I think I should be receiving more of them. Can anyone provide average stations that you think I should be receiving based upon my indoor Radio Shack antenna? Thanks,

George

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

1888. Re: Which Antenna Are You Using?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-04 19:08:41 UTC
From: harveymillerca
Topic: 1863 Message: 1888

Hi George:

I use a 20 meter long random wire with a `Doty low noise feed line'
(http://www.anarc.org/naswa/badx/antennas/low- noise_antenna.html.)
I find that this setup has noticeably less static on medium strength and weaker strength signals than similar antennas using normal insulated wire feedlines.

Regards
from Ottawa
Harvey

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Was wondering which antenna you guys are using for your R75 and whether you are satisfied with it, especially indoor antennas
>
> George.
>
>
> [Non-text portions of this message have been removed]

1889. IC R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-05 01:38:29 UTC
From: kabjkm2002
Topic: 1889 Message: 1889

I was interested in purchasing the IC R75 until I started reading the posts at this site. There is no way I'll spend $600 for a radio that has to be modified to work properly. I can listen to SWBC stations in ECSS mode on my ham transceiver. Kim AB7JK

1890. Modifying the R75 needed ? Maybe yes maybe no

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-05 02:26:54 UTC
From: W. Charles Alexander
Topic: 1889 Message: 1890

Hi Kim et all:
First off, let me say one thing the R75 is a very fine Receiver, just as it comes out of the box!
That said, yes, it's sync is not that of a Drake R8B. But I did not expect it too.
NOW . . .
You want to talk about Receivers there are NO perfect Receivers, And I have had a lot of high end Rx,s to use (R8B, R7, R4C loaded with Xtals, NRD 535, Collins HF-2050, Colins R390A, SP600 Ten Tec RX-340 and on. I just sold the Ten Tec RX-340 a bit ago.
It was an awesome RX ... At 3950.00 it should be, BUT, hey you know what? The guy I sold it to went out and bought a Sherwood SE3 Sync Detector to make it have the best Sync available 500 + more $$

Morel of my rambling is:
Pick a price range, and the features you want and go looking.
The R75 fits a lot of peoples needs as it is priced way under the "Big guns" Like Drake R8B, NRD545, AOR AR7030 not to mention the Ten Tec RX-340 or others or even a Really cool looking Yaesu FT-1000 Mark II !!, yet it performs well.

Cheers Charlie
==========
73 de charlie W. Charles Alexander W8WCA
mailto:charlie@... http://www.swl-ute.com/shortwave
Monitoring the World from Columbus, Ohio USA 39.951 N 83.124 W
HF Icom R75, Ten Tec RX-320, AOR AR3030, Grundig Sat. 800, Yaesu FT-817
VHF/UHF Alinco DJ-X10, BearCat BC 895 XLT, Yaesu VX-5R
Decoders AEA PK-232MBX, BayPac Multi Com BP2M / Radio Raft
==========

-----Original Message-----
From: kabjkm2002 [mailto:kabjkm2002@...]
Sent: Thursday, July 04, 2002 9:38 PM
To: icomr75@yahoogroups.com
Subject: [icomr75] IC R75

I was interested in purchasing the IC R75 until I started reading the posts at this site. There is no way I'll spend $600 for a radio that has to be modified to work properly. I can listen to SWBC stations in ECSS mode on my ham transceiver. Kim AB7JK

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1891. Re: [icomr75] IC R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-05 04:21:10 UTC
From: Gerald Atherton
Topic: 1889 Message: 1891

Don't let the fact that there are modifications available for the R75 bother you one bit. It is a fine radio just the way it comes in the box. You can find modifications for most ANY radio that is made. The fact there are several for the R75 does not mean that they must be performed in order to make the radio work properly. It is a matter of personal preference. I have been using a variety of receivers since the mid 1950's and the R75 stacks up well with any I have used, including military equipment.

In case I have not made the point clear..... I like my R75 :)

73's

Jerry
WA9CXN

At 08:38 PM 7/4/02, you wrote:
>I was interested in purchasing the IC R75 until I started reading the
>posts at this site. There is no way I'll spend $600 for a radio that
>has to be modified to work properly. I can listen to SWBC stations
>in ECSS mode on my ham transceiver. Kim AB7JK
>
>
>
>To unsubscribe from this group, send an email to:
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>
>
>
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1892. Electrical Noise - 2 Questions

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-05 14:13:32 UTC
From: Moxie3
Topic: 1892 Message: 1892

How does one know whether you're receiving electrical noise or just plain static? I read somewhere that electrical noise can be heard as popping sounds, whining sounds, etc, which I do not have, even though my antenna is located in the attic. When I receive a strong station, there is no noise whatsoever, perfectly clear. But when searching for stations, I hear mucho static. Is such static inherent in shortwave?

George

[Non-text portions of this message have been removed]

1893. Re: [icomr75] Electrical Noise - 2 Questions

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-05 11:37:39 UTC
From: Jeff Santee
Topic: 1892 Message: 1893

How does one know whether you're receiving electrical noise or just plain static? I read somewhere that electrical noise can be
heard as popping sounds, whining sounds, etc, which I do not have, even though my antenna is located in the attic. When I receive a
strong station, there is no noise whatsoever, perfectly clear. But when searching for stations, I hear mucho static. Is such static
inherent in shortwave?
==========
If the noise is constant and doesnt change much in pitch or magnitude
its probably man made, whether it is a whine, or a hiss, or buzzing or what
ever. Usually mother natures noise is fairly non constant and varys quite
a bit. If you live near any high voltage power lines, especially if there
is a bad connection the noise this generates will be a steady humming with
popping and hissing sounds and is extremely annoying, been there done that,
I moved. When listening to shortwave there are times that are just plain
better or worse than other times, to me lately the bands seem fairly noisy
so I use the R 75s NR and it works fairly well. Give it time, sometimes
the bands are perfect and you can hear things you have never heard before.

Jeff

[Non-text portions of this message have been removed]

1894. RE: [icomr75] IC R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-05 16:06:03 UTC
From: Bob Barr
Topic: 1889 Message: 1894

Let it be known that, contrary to what is sometimes written in this group, the R-75 does not have to be modified to work properly. Yes, the mods may enhance performance, but that is an entirely different thing. Any radio can be enhanced with mods. There is no such thing as a perfect radio. Manufacturers compromise all the time to meet cost and schedule demands. I have yet to do any mods to my R-75. I love it just the way it is and don't intend to do any surgery. For its price point, the R-75 performs great right out of the box. I can't think of any radio in its price range that does better. I would say that if your transceiver has all the features you need for SWLing, then I agree there is no reason to buy a R-75. But, for the non-hams out there (like me) the R-75 is a great receiver.

Regards,
Bob
-----Original Message-----
From: kabjkm2002 [mailto:kabjkm2002@...]
Sent: Thursday, July 04, 2002 9:38 PM
To: icomr75@yahoogroups.com
Subject: [icomr75] IC R75

I was interested in purchasing the IC R75 until I started reading the posts at this site. There is no way I'll spend $600 for a radio that has to be modified to work properly. I can listen to SWBC stations in ECSS mode on my ham transceiver. Kim AB7JK

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[Non-text portions of this message have been removed]

1895. RE: [icomr75] IC R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-06 00:30:25 UTC
From: HFSSB
Topic: 1889 Message: 1895

The R75 has better DSP than my Kenwood TS-870!
Marty KT4K

-----Original Message-----
Let it be known that, contrary to what is sometimes written in this group,
the R-75 does not have to be modified to work properly. ....

1896. Syllabic Squelch Enhancement Of The R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-06 03:37:56 UTC
From: dawntredereding
Topic: 1896 Message: 1896

Hi all

I was reading through the past postings on scanning the UTE's. One modification that I did to my old R71a was the addition of a syllabic squelch subsystem in place of the existing comparator-operated squelch. This allowed for the scanning to be stopped only upon the receipt of an actual voice signal. It also allowed the monitoring of a channel without atmospheric or other noises to open the squelch. The R75 would be a much better candidate for adding one of these squelches internally due to it's more flexible scanning and plenty of space inside. The only minor problem that I can forsee is that there is an absence of a front panel "hard" switch that can be re-assigned for activating the circuit. Would anyone have any suggestions for a toggled logic level that can be accessed from either a front panel switch or menu set-up option? I haven't bought a service manual yet for my R75 yet, but some possibilities include the dial lock or the antenna terminal switching. I plan to do the same with my IC-718 as well. For any of you that are interested, here's a link to one source for a syllabic squelch module.

www.naval.com/vos.htm

RadioKit also use to sell a pretty good copy of Motorola's Constant Sinad Squelch that was used in their HF Micom product line for about $50. I don't know if they are still around. There isn't a single manufactuer of comercial HF transceivers (including Icom's M700/710 series) or for that matter any commercial duty HF receiver that doesn't use a voice operated syllabic squelch made in the past 20 years.

Any suggestions on a front panel point to activate one of these?

1897. FOR SALE: Mint Condition R75, Loaded

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-06 20:57:22 UTC
From: icomfandan
Topic: 1897 Message: 1897

Moving out, selling entire amateur radio/SWL station. I have a 4-month-old IC-R75 with InRad and ICOM I.F. filters, UT-106 DSP unit and UT-102 voice synthesis installed. Works perfectly, superb cosmetic condition. This receiver comes with a "matching" Drake external speaker, Radio Shack headphones, a cassette recorder for logging QSO's/DX, recorder control and audio cables for connecting to R75, original UNUSED ICOM a.c. adapter "brick", R75 carton and instruction manual, plus a copy of Passport to World Band Radio! A complete listening post, just add your antenna, for $725 including shipping to any ConUS (48 contiguous states) destination.

This may seem a strange place to post this sale, but I am hoping there will be someone looking into buying their first R75 or who knows someone who would like this station gear. No scavengers or "tire-kickers", please...this equipment must go, I am not breaking it up into pieces and components.

The price of the filters, voice synthesizer, recorder, headphones and receiver cost over $900 plus shipping, purchased individually. Save a bundle on this package outfit!

1898. Cable TV & Computer Noise

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-07 20:08:14 UTC
From: ic0mr75
Topic: 1898 Message: 1898

First, sorry for the less than original nickname. I was lacking imagination the evening that I signed up. Secondly, I have been experiencing some noise from my cable TV line and my computer, so I hooked my R75 up to my 70' longwire with RG-8, then from the end feed point, I ran the outer shield to a 8' ground rod beneath the feedpoint. Sadly this did not stop the noise, and it seemed that it made my antenna less sensative to weak signals. Finally, I tore it all back down, and fed my antenna with the 12 gauge wire and ran it to the 500 ohm connection at the back of the radio along with the ground connection. While I still have some noise, I'm back to being able to hear the weaker UTE signals. Does anyone have any other suggestions?

1899. RE: [icomr75] Cable TV & Computer Noise

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-07 20:21:44 UTC
From: TH
Topic: 1898 Message: 1899

Did you ground the RG-8 at the radio end also. I ran coax to my longwire and grounded it at the feed point. I didn't really loose the static until I grounded it at the radio end.
-----Original Message-----
From: ic0mr75 [mailto:219@...]
Sent: Sunday, July 07, 2002 3:08 PM
To: icomr75@yahoogroups.com
Subject: [icomr75] Cable TV & Computer Noise

First, sorry for the less than original nickname. I was lacking imagination the evening that I signed up. Secondly, I have been experiencing some noise from my cable TV line and my computer, so I hooked my R75 up to my 70' longwire with RG-8, then from the end feed point, I ran the outer shield to a 8' ground rod beneath the feedpoint. Sadly this did not stop the noise, and it seemed that it made my antenna less sensative to weak signals. Finally, I tore it all back down, and fed my antenna with the 12 gauge wire and ran it to the 500 ohm connection at the back of the radio along with the ground connection. While I still have some noise, I'm back to being able to hear the weaker UTE signals. Does anyone have any other suggestions?

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[Non-text portions of this message have been removed]

1900. Re: Cable TV & Computer Noise

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-07 20:31:14 UTC
From: ic0mr75
Topic: 1898 Message: 1900

Yes, at the feed point I ran the outer shield to the ground rod with
a length of heavy gauge copper wire.
--- In icomr75@y..., "TH" <sgm_tim@a...> wrote:
>
> Did you ground the RG-8 at the radio end also. I ran coax to my
longwire
> and grounded it at the feed point. I didn't really loose the
static until I
> grounded it at the radio end.
> -----Original Message-----
> From: ic0mr75 [mailto:219@b...]
> Sent: Sunday, July 07, 2002 3:08 PM
> To: icomr75@y...
> Subject: [icomr75] Cable TV & Computer Noise
>
>
> First, sorry for the less than original nickname. I was
lacking
> imagination the evening that I signed up. Secondly, I have
been
> experiencing some noise from my cable TV line and my
computer, so I
> hooked my R75 up to my 70' longwire with RG-8, then from the
end feed
> point, I ran the outer shield to a 8' ground rod beneath the
> feedpoint. Sadly this did not stop the noise, and it seemed
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> made my antenna less sensative to weak signals. Finally, I
tore it
> all back down, and fed my antenna with the 12 gauge wire and
ran it
> to the 500 ohm connection at the back of the radio along with
the
> ground connection. While I still have some noise, I'm back to
being
> able to hear the weaker UTE signals. Does anyone have any
other
> suggestions?
>
>
> Yahoo! Groups Sponsor
>
>
> To unsubscribe from this group, send an email to:
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>
>
>
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Service.
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>
>
> [Non-text portions of this message have been removed]

1901. Re: Cable TV & Computer Noise

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-07 20:41:02 UTC
From: ic0mr75
Topic: 1898 Message: 1901

Ahhhhhh......I didn't ground it at the radio end. That's why I still had the noise I bet. Thank you for the suggestion. I've seen a ferrite rod thingy that wraps around computer cables for noise reduction. Would this make any significant improvement also?

--- In icomr75@y..., "TH" <sgm_tim@a...> wrote:
>
> Did you ground the RG-8 at the radio end also. I ran coax to my longwire
> and grounded it at the feed point. I didn't really loose the static until I
> grounded it at the radio end.
> -----Original Message-----
> From: ic0mr75 [mailto:219@b...]
> Sent: Sunday, July 07, 2002 3:08 PM
> To: icomr75@y...
> Subject: [icomr75] Cable TV & Computer Noise
>
>
> First, sorry for the less than original nickname. I was lacking
> imagination the evening that I signed up. Secondly, I have been
> experiencing some noise from my cable TV line and my computer, so I
> hooked my R75 up to my 70' longwire with RG-8, then from the end feed
> point, I ran the outer shield to a 8' ground rod beneath the
> feedpoint. Sadly this did not stop the noise, and it seemed that it
> made my antenna less sensative to weak signals. Finally, I tore it
> all back down, and fed my antenna with the 12 gauge wire and ran it
> to the 500 ohm connection at the back of the radio along with the
> ground connection. While I still have some noise, I'm back to being
> able to hear the weaker UTE signals. Does anyone have any other
> suggestions?
>
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>
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>
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>
>
>
> [Non-text portions of this message have been removed]

1902. RE: [icomr75] Re: Cable TV & Computer Noise

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-07 20:54:14 UTC
From: TH
Topic: 1898 Message: 1902

The shorter the open wire at the radio end, the less noise you will pick up if the coax is also grounded at that end. My radio is near the computer. I have about 3 inches of open center conductor from where I split the outer shell from the coax and ran to the 500 ohm / ground inputs. I also have a ground wire from the ground input to my house AC ground (to lazy to run an additional wire). Works fine.

-----Original Message-----
From: ic0mr75 [mailto:219@...]
Sent: Sunday, July 07, 2002 3:41 PM
To: icomr75@yahoogroups.com
Subject: [icomr75] Re: Cable TV & Computer Noise

Ahhhhhh......I didn't ground it at the radio end. That's why I still had the noise I bet. Thank you for the suggestion. I've seen a ferrite rod thingy that wraps around computer cables for noise reduction. Would this make any significant improvement also?

--- In icomr75@y..., "TH" <sgm_tim@a...> wrote:
>
> Did you ground the RG-8 at the radio end also. I ran coax to my longwire
> and grounded it at the feed point. I didn't really loose the static until I
> grounded it at the radio end.
> -----Original Message-----
> From: ic0mr75 [mailto:219@b...]
> Sent: Sunday, July 07, 2002 3:08 PM
> To: icomr75@y...
> Subject: [icomr75] Cable TV & Computer Noise
>
>
> First, sorry for the less than original nickname. I was lacking
> imagination the evening that I signed up. Secondly, I have been
> experiencing some noise from my cable TV line and my computer, so I
> hooked my R75 up to my 70' longwire with RG-8, then from the end feed
> point, I ran the outer shield to a 8' ground rod beneath the
> feedpoint. Sadly this did not stop the noise, and it seemed that it
> made my antenna less sensative to weak signals. Finally, I tore it
> all back down, and fed my antenna with the 12 gauge wire and

ran it
> to the 500 ohm connection at the back of the radio along with
the
> ground connection. While I still have some noise, I'm back to
being
> able to hear the weaker UTE signals. Does anyone have any
other
> suggestions?
>
>
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>
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>
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>
>
> [Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

1903. Re: Cable TV & Computer Noise

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-07 21:18:09 UTC
From: ic0mr75
Topic: 1898 Message: 1903

Thank you very much for the suggestions. I'll give that a try. Part
of the fun, for me, is messing around with different configurations
to get the best results. Thanks again, and enjoy your day :)
--- In icomr75@y..., "TH" <sgm_tim@a...> wrote:
> The shorter the open wire at the radio end, the less noise you will
pick up
> if the coax is also grounded at that end. My radio is near the
computer. I
> have about 3 inches of open center conductor from where I split the
outer
> shell from the coax and ran to the 500 ohm / ground inputs. I also
have a
> ground wire from the ground input to my house AC ground (to lazy to
run an
> additional wire). Works fine.
>
> -----Original Message-----
> From: ic0mr75 [mailto:219@b...]
> Sent: Sunday, July 07, 2002 3:41 PM
> To: icomr75@y...
> Subject: [icomr75] Re: Cable TV & Computer Noise
>
>
> Ahhhhhh......I didn't ground it at the radio end. That's why I
still
> had the noise I bet. Thank you for the suggestion. I've seen a
> ferrite rod thingy that wraps around computer cables for noise
> reduction. Would this make any significant improvement also?
>
> --- In icomr75@y..., "TH" <sgm_tim@a...> wrote:
> >
> > Did you ground the RG-8 at the radio end also. I ran coax to
my
> longwire
> > and grounded it at the feed point. I didn't really loose the
> static until I
> > grounded it at the radio end.
> > -----Original Message-----
> > From: ic0mr75 [mailto:219@b...]
> > Sent: Sunday, July 07, 2002 3:08 PM
> > To: icomr75@y...
> > Subject: [icomr75] Cable TV & Computer Noise
> >
> >
> > First, sorry for the less than original nickname. I was

> lacking
> > imagination the evening that I signed up. Secondly, I have
> been
> > experiencing some noise from my cable TV line and my
> computer, so I
> > hooked my R75 up to my 70' longwire with RG-8, then from
the
> end feed
> > point, I ran the outer shield to a 8' ground rod beneath
the
> > feedpoint. Sadly this did not stop the noise, and it
seemed
> that it
> > made my antenna less sensative to weak signals. Finally, I
> tore it
> > all back down, and fed my antenna with the 12 gauge wire
and
> ran it
> > to the 500 ohm connection at the back of the radio along
with
> the
> > ground connection. While I still have some noise, I'm
back to
> being
> > able to hear the weaker UTE signals. Does anyone have any
> other
> > suggestions?
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> >
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> Service.
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> >
> >
> > [Non-text portions of this message have been removed]
>
>
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>

>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
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>
>
> [Non-text portions of this message have been removed]

1904. Re: [icomr75] Re: Cable TV & Computer Noise

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-07 21:44:24 UTC
From: n4aiw@aol.com
Topic: 1898 Message: 1904

Look in your manual and their might be a screw are wingnut on the back of your radio that's marked ground. This is where the wire to the ground rod goes. computers and there power supplies are noisy period,some more than others. Fr chokes may not help but they will not hurt either give them a try. static and noise is a summer time thing that's been happening since radio, it happens more in the daylight than real late at night are during thunder storms even distant ones. This will lighten up in the winter months.

1905. Re: [icomr75] Re: Cable TV & Computer Noise

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-07 23:19:50 UTC
From: Moxie3
Topic: 1898 Message: 1905

I'm a novice at this radio stuff so take what I have to say with a grain of salt. If I understand what is being said, a straight wire is connected to coax, then split again to the spring loaded clips on the back of the radio? In any event, I am under the impression that when you go from the straight wire to the coax, you should do so with a matching type transformer for proper impedance.
----- Original Message -----
From: n4aiw@...
To: icomr75@yahoogroups.com
Sent: Sunday, July 07, 2002 4:44 PM
Subject: Re: [icomr75] Re: Cable TV & Computer Noise

Look in your manual and their might be a screw are wingnut on the back of your radio that's marked ground. This is where the wire to the ground rod goes. computers and there power supplies are noisy period,some more than others. Fr chokes may not help but they will not hurt either give them a try. static and noise is a summer time thing that's been happening since radio, it happens more in the daylight than real late at night are during thunder storms even distant ones. This will lighten up in the winter months.

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[Non-text portions of this message have been removed]

1906. Longwire Antenna Matcher - Improves Shortwave Antenna Performance

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-07 23:31:19 UTC
From: Moxie3
Topic: 1906 Message: 1906

Longwire Antenna Matcher - Improves Shortwave Antenna PerformanceThis is what I was trying to say; let me know what you think. Also, I understand ICE makes a few models which do the same thing, available through Universal Radio and the same price. Let me know what you think.
Longwire Impedance Matcher

Improves Longwire Performance
and Reduces Noise
This simple device connects to the end of your longwire antenna and converts it's high impedance to a lower impedance expected by the radio. This allows a higher percentage of the signal picked up by your antenna to be transferred to the radio. Works on just about any shortwave radio with an antenna jack.

When mounted outside, the matcher will reduce the amount of household electrical noise entering your radio because shieled cable is used to connect your radio to the impedance matcher.

- Covers all shortwave bands
- Increases signal strength
- Reduces Noise*
- No adjustments required
- Stainless hardware for long life
- Fully weatherproof
- Tolerent to extreme heat and cold
- Impact resistant
- No batteries or moving parts
- Works with or without a ground connection
- Uses standard 50 ohm lead-in cable and standard PL connectors.

*Only when used outside.
ACCESSORIES
Includes butterfly nut and crimp terminal for easy connection to antenna and ground. We stock copper wire, shielded cable and insulators so that you can make your own longwire antenna.

WARRANTY
Iron clad 1-year replacement warranty. If your LIM fails within 1 year of the date of purchase we will replace it FREE of charge. (details included in documentation.)

PRICE: Only $39.00!

Click HERE to view the instructions. (200K file in PDF format)

[Non-text portions of this message have been removed]

1907. Re: [icomr75] Digest Number 425

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-07 22:15:33 UTC
From: Mark Harper
Topic: 1907 Message: 1907

>
> Message: 1
> Date: Fri, 05 Jul 2002 01:38:29 -0000
> From: "kabjkm2002" <kabjkm2002@...>
> Subject: IC R75
>
> I was interested in purchasing the IC R75 until I started reading the
> posts at this site. There is no way I'll spend $600 for a radio that
> has to be modified to work properly. I can listen to SWBC stations
> in ECSS mode on my ham transceiver. Kim AB7JK
>

Hiya Kim,

I have to agree that there are a lot of modifications for this RX, but there again, until I got onto the list, I wasn't aware that the 75 needed modifying...
But.....at the end of the day, its all down to what you use it for - for me it does great for BC bands and data modes - and to be honest I'm not really all that bothered about the sync-am mods, never really saw much use for it on the HF-150, which i'd had loan of at one point... But the PBT is great, and its a lot better than my R-2000 was, but then again, theres 15 or so years difference between the two - the only real moan (if i was forced to make one) would be the speaker - too small, I'd have rather had a top mounted one ! (put it through some headphones though and its great)

And lets face it, my R-75 knocks my FT-100 out of the water on RX, but then again, the FT-100 is
doing 2 jobs.... (and if theres ever a TX on the planet that has more mods than the 100, show me !)

My advice is this - put it on the bench and listen - you may find it works to your tastes as it is, add the DSP and some filters, yes (i've just got a plain vanilla one) but even without them, its a great piece of kit...

To echo another comment on the list - you do not have to mod the 75 to get it working properly. :)

For the price and features - you can't go far wrong - and lets face it - other than Icom, theres not a lot of RXs out there at the right price....

just adding my 2 cents

73

Mark (MW1/MW3MDH)

1908. Re: [icomr75] Digest Number 425

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-08 02:02:04 UTC
From: Moxie3
Topic: 1907 Message: 1908

I've had my R75 for about a month and I'm just getting familiar with its operation. But I can tell you this, count me as being very satisfied with this receiver without any mods. I believe it's worth more than $600 but, as with most everything, you get what you pay for.

George
----- Original Message -----
From: Mark Harper
To: icomr75@yahoogroups.com
Sent: Sunday, July 07, 2002 5:15 PM
Subject: Re: [icomr75] Digest Number 425

>
> Message: 1
> Date: Fri, 05 Jul 2002 01:38:29 -0000
> From: "kabjkm2002" <kabjkm2002@...>
> Subject: IC R75
>
> I was interested in purchasing the IC R75 until I started reading the
> posts at this site. There is no way I'll spend $600 for a radio that
> has to be modified to work properly. I can listen to SWBC stations
> in ECSS mode on my ham transceiver. Kim AB7JK
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I have to agree that there are a lot of modifications for this RX, but there again, until I got onto the list, I wasn't aware that the 75 needed modifying...
But.....at the end of the day, its all down to what you use it for - for me it does great for BC bands and data modes - and to be honest I'm not really all that bothered about the sync-am mods, never really saw much use for it on the HF-150, which i'd had loan of at one point... But the PBT is great, and its a lot better than my R-2000 was, but then again, theres 15 or so years difference between the two - the only real moan (if i was forced to make one) would be the speaker - too small, I'd have rather had a top mounted one ! (put it through some headphones though and its great)

And lets face it, my R-75 knocks my FT-100 out of the water on RX, but then again, the FT-100 is
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My advice is this - put it on the bench and listen - you may find it works to your tastes as it is, add the DSP and some filters, yes (i've just got a plain vanilla one) but even without them, its a great piece of kit...

To echo another comment on the list - you do not have to mod the 75 to get it working properly. :)

For the price and features - you can't go far wrong - and lets face it - other than Icom, theres not a lot of RXs out there at the right price....

just adding my 2 cents

73

Mark (MW1/MW3MDH)

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[Non-text portions of this message have been removed]

1909. Re: [icomr75] Re: Cable TV & Computer Noise

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-08 07:49:46 UTC
From: n4aiw@aol.com
Topic: 1898 Message: 1909

if this was addressed to me i will go and try to answer it any way.
coax is unbalanced line, it comes mostly in 50 are 75 ohm impedance, examples rg58 rg8 rg213 rg8m rgx 9913, all 50 ohm search Belden wire. these wires use the
so 239 screw in connector with a pl259.
the two wire connectors are for balanced line ,so called twin lead. yours may be marked as 500 ohms. TV twin lead is rated 300 ohms, ladder line is rated 450 ohms and theirs a guy that sells 600 ohm ladder line.
why use coax because it can be ran close to metal objects, rain gutters. metal siding, metal windows, cars, fences, etc. and not be as effected as other line.
why use twin lead because its an antenna as soon as it leaves the two connectors in the back of the radio, its very effective unless its passed through a metal are any near by metal object then it gets effected some times badly. since this is a balanced line you can run any of these twin lead ladder lines.
OK for ground, the wall wart, power supply for your radio is probably two pronged, if threepronged you may have a ground, two may not are a bad ground you know half assed. your metal chassis on the radio needs a ground to bleed off the static and entermode that the chassis may have. this not an antenna ground, use flat wide copper strip, wide flat braided cable are any big cable. i use a fat aluminum cable that i bought at radio shaft(shack), put a hook on it with needle nose, beat that end flat with a hammer and hook it over that ground screw i told you about and screw the screw back in to hold it. i then slid a gray little piece of pvc pipe over the ground wire, it sets on my window sill so the ground wire doesn't come in connect with my metal window and frame and cause another mess. this goes straight to a 4 foot ground rod.
random length ants are just that. they can read from off the scale to 0 ohms at best their make do ants with the idea that the more wire you put up the more you will hear. to use with coax go ahead and buy it with the pl259s on it, screw one in the back of the radio, put coax out window, cut off the other pl259 discard it. remove about 5 inches of the outer jacket on the coax take a tooth pick nail punch and undo the outer braid with this done twist the outer braid until its one 5 inch long wire. remove about 3 inches of cover from the center wire and solder the center wire to the end of the random wire. take the outer braid and solder it to a piece of wire to go to the ant 8 ft ground, if you want add radials around that ground rod and clamp them and ground together. DONE**********
dipoles the basic ant take 69ft random wire down divide length by two and cut in middle take center insulator pull one wire through one side and twist it back on its self about 5 turns do other side the same on other end of insulator take coax wrap it back over it self over the center insulator use plastic ties to keep it in the middle and over the center insulator. solder the center wire to one of the wires and the braid to the other wire put-up

DONE**********
ladderline divide 69 ft by 2 cut ladder line down the middle this length with what ever you can use put up in the air strip other end back a little and put in connectors in back DONE**********
right on postit note snake oil baluns and tuners for swl
pull up ground rod and radials put in out building say bad words
look up n4aiw on call box on QRZ.COM have laugh
go to arrl .org buy antennas and wire book
now i be done, see you later n4aiw

1910. Re: Cable TV & Computer Noise

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-08 09:13:40 UTC
From: radiohighfreq
Topic: 1898 Message: 1910

ic0mr75,
.
One item that you may wish to consider is bad household wiring.
.
WHAT ??? Sometimes the internal wiring in a house is miss-wired.
.
Simply go to a Home Depot, ACE Hardware, or OSH Hardware and buy a simple home Electrical Outlet Tester. Looks like a BIG Three Prong Plug Adapter. The Electrical Outlet Tester has the three prongs and three LEDs. Just Plug it into your electrical outlets and check which LED's are lighted. If the Test is OK 'no problem'. However, if the Test is bad 'fix the problem'. One outlet in a room can be OK and the next one can be bad: test them all.
.
What's in the electrical circuit path ???
If you are using 'Safe Power Distribution Strips' on your computer and audio equipment: Temporarily remove them and Re-Test for noise.
.
Check-Out All
* Room Light Dimmers Fluorescent Lights.
* Outside & Yard Lights that are Mercury & Sodium Vapor.
* Fans, Ceiling Fans, AC, Air Cleaners and electrical motors.
Simply Run a 'noise test' Item On and Item Off.
.
mkia ~ RHF
.
--- In icomr75@y..., "ic0mr75" <219@b...> wrote:
> First, sorry for the less than original nickname. I was lacking
> imagination the evening that I signed up. Secondly, I have been
> experiencing some noise from my cable TV line and my computer, so I
> hooked my R75 up to my 70' longwire with RG-8, then from the end
feed
> point, I ran the outer shield to a 8' ground rod beneath the
> feedpoint. Sadly this did not stop the noise, and it seemed that it
> made my antenna less sensative to weak signals. Finally, I tore it
> all back down, and fed my antenna with the 12 gauge wire and ran it
> to the 500 ohm connection at the back of the radio along with the
> ground connection. While I still have some noise, I'm back to being
> able to hear the weaker UTE signals. Does anyone have any other
> suggestions?

1911. Re: Cable TV & Computer Noise

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-08 14:21:15 UTC
From: njlar
Topic: 1898 Message: 1911

You could have a bad (i. e., ungrounded) cable connection somewhere. Cable modems work in the HF band, although I have one 5 ft from my receiver and have not had problems, but with a bad ground, who knows? Also, your cable can bring in noise from other people's houses on the same branch.

--- In icomr75@y..., "radiohighfreq" <rhf-mail@u...> wrote:
> ic0mr75,
> .
> One item that you may wish to consider is bad household wiring.
> .
> WHAT ??? Sometimes the internal wiring in a house is miss-wired.
> .
> Simply go to a Home Depot, ACE Hardware, or OSH Hardware and buy a
> simple home Electrical Outlet Tester. Looks like a BIG Three Prong
> Plug Adapter. The Electrical Outlet Tester has the three prongs
and
> three LEDs. Just Plug it into your electrical outlets and check
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> LED's are lighted. If the Test is OK 'no problem'. However, if
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> Test is bad 'fix the problem'. One outlet in a room can be OK and
the
> next one can be bad: test them all.
> .
> What's in the electrical circuit path ???
> If you are using 'Safe Power Distribution Strips' on your computer
and
> audio equipment: Temporarily remove them and Re-Test for noise.
> .
> Check-Out All
> * Room Light Dimmers Fluorescent Lights.
> * Outside & Yard Lights that are Mercury & Sodium Vapor.
> * Fans, Ceiling Fans, AC, Air Cleaners and electrical motors.
> Simply Run a 'noise test' Item On and Item Off.
> .
> mkia ~ RHF
> .
> --- In icomr75@y..., "ic0mr75" <219@b...> wrote:
> > First, sorry for the less than original nickname. I was lacking
> > imagination the evening that I signed up. Secondly, I have been
> > experiencing some noise from my cable TV line and my computer, so
I
> > hooked my R75 up to my 70' longwire with RG-8, then from the end
> feed

> > point, I ran the outer shield to a 8' ground rod beneath the
> > feedpoint. Sadly this did not stop the noise, and it seemed that
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> > made my antenna less sensative to weak signals. Finally, I tore
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> > all back down, and fed my antenna with the 12 gauge wire and ran
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> > to the 500 ohm connection at the back of the radio along with the
> > ground connection. While I still have some noise, I'm back to
being
> > able to hear the weaker UTE signals. Does anyone have any other
> > suggestions?

1912. Re: IC R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-09 09:37:22 UTC
From: kabjkm2002
Topic: 1889 Message: 1912

Thanks for the responses. I kind of miss the old days of FRG7s. I'm trying to decide between the ICR75 and the RX320. So many issues - the softwate, noise problems, configuration problems, price etc. It seems like the more information I receive the harder it is to compare the two rigs. It seems like using software to control a SW receiver is a fun toy, but computers and shortwave listening just don't mix - too many compromises. The idea of having a device that reproduces a one microvolt radio wave while keeping out all other RF sources is absurd. Maybe live streaming over the internet is the best solution. Maybe live streaming is boring because it is so easy? What does that say about all us techies? Kim AB7JK

--- In icomr75@y..., "Bob Barr" <bbarr@s...> wrote:
> Let it be known that, contrary to what is sometimes written in this group,
> the R-75 does not have to be modified to work properly. Yes, the mods may
> enhance performance, but that is an entirely different thing. Any radio can
> be enhanced with mods. There is no such thing as a perfect radio.
> Manufacturers compromise all the time to meet cost and schedule demands. I
> have yet to do any mods to my R-75. I love it just the way it is and don't
> intend to do any surgery. For its price point, the R-75 performs great right
> out of the box. I can't think of any radio in its price range that does
> better. I would say that if your transceiver has all the features you need
> for SWLing, then I agree there is no reason to buy a R-75. But, for the
> non-hams out there (like me) the R-75 is a great receiver.
>
> Regards,
> Bob
> -----Original Message-----
> From: kabjkm2002 [mailto:kabjkm2002@y...]
> Sent: Thursday, July 04, 2002 9:38 PM
> To: icomr75@y...
> Subject: [icomr75] IC R75
>
>
> I was interested in purchasing the IC R75 until I started reading the

> posts at this site. There is no way I'll spend $600 for a radio
that
> has to be modified to work properly. I can listen to SWBC
stations
> in ECSS mode on my ham transceiver. Kim AB7JK
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>
>
> [Non-text portions of this message have been removed]

1913. Re: IC R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-09 16:56:04 UTC
From: rsakabu
Topic: 1889 Message: 1913

--- In icomr75@y..., "kabjkm2002" <kabjkm2002@y...> wrote:
> Thanks for the responses. I kind of miss the old days of FRG7s. I'm
> trying to decide between the ICR75 and the RX320. So many issues -
> the softwate, noise problems, configuration problems, price etc. It
> seems like the more information I receive the harder it is to
compare
> the two rigs. It seems like using software to control a SW receiver
> is a fun toy, but computers and shortwave listening just don't mix -

> too many compromises. The idea of having a device that reproduces a
> one microvolt radio wave while keeping out all other RF sources is
> absurd. Maybe live streaming over the internet is the best
solution.
> Maybe live streaming is boring because it is so easy? What does
that
> say about all us techies? Kim AB7JK

It says we love our hardware!

I still have an FRG-7. Bought one, loved it, traded it away, bought
another one.
I found that there is a completely different thrill in dialing in
some unknown station on a frequency that you're not really sure of
than there is in clicking on an entry in a spreadsheet and instantly
having the radio lock onto it and hearing exactly what you choose.
The "frog" requires dialing 4-6 knobs when changing frequencies
1-Band select
2-Preselector
3-MHz select
4-Actual frequency
5-Fine tuning
6-Mode
But isn't it fun to hear a far away station moving that little s-
meter needle with the warm incandescent dial lights while listening
to it in a dark room? That big front firing speaker softens the
sounds and really brings out the fidelity that many SWBC stations
really broadcast.

Don't get me wrong, I love my R-75. The R-75 instantly locks onto
SSB signals without the need to warm up a drifty BFO and it can knock
down heterodynes instantly. The twin PBT beats IF shift hands down
and the variable RF gain works great at reducing background noise.

I just want to say that if you want the best of both worlds, have
both rigs!

<hint> if you want to try out an R-75, get a used one with the DSP. After you've tried it out, in the event you don't like it (I'll bet you will), you'll probably be able to sell it for what you paid for it. Even if you lose a few $, think of it as a rental fee and you'll realize what a bargain it is.

73
Roy

1914. Shortwave Antenna Deal

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-09 18:30:37 UTC
From: Moxie3
Topic: 1914 Message: 1914

Was browsing antennas and noticed that Barker & Williamson is having a close-out of multi trap listening antenna, 11 through 60 meters, 35 feet with SO-239 connector or with twin lead feedline for $25 plus shipping, regular $71. I think they are getting away from the "listening only" antennas. Just thought I would pass this along. If you are interested, access their web site at www.bwantennas.com and click on "Web Specials", then click on the "ASW-60" antenna.

George

[Non-text portions of this message have been removed]

1915. I can hardly hold back the tears...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-09 22:40:27 UTC
From: jim_hack
Topic: 1915 Message: 1915

My DSP FINALLY came today! It only took 3 1/2 months to get it.
I am beside myself. I need a couple of hours to get out all the tears
of joy, then I'll install it.
Heart be still...

1916. Re: IC R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-10 01:46:51 UTC
From: kabjkm2002
Topic: 1889 Message: 1916

Yea, I had an FRG7 for about a year. I liked it but the selectivity was wide as barn door and the audio was somewhat bassy. It seems like every rig has something wrong with it that you become more and more conscious of the longer you own it. Maybe I'm too particular. I tell you, aside from the rebuffering, live streaming is deinitely the best audio. The number of stations available isn't bad eather. AB7JK

--- In icomr75@y..., "rsakabu" <rsakabu@p...> wrote:
> --- In icomr75@y..., "kabjkm2002" <kabjkm2002@y...> wrote:
> > Thanks for the responses. I kind of miss the old days of FRG7s. I'm
> > trying to decide between the ICR75 and the RX320. So many issues -
> > the softwate, noise problems, configuration problems, price etc. It
> > seems like the more information I receive the harder it is to
> compare
> > the two rigs. It seems like using software to control a SW receiver
> > is a fun toy, but computers and shortwave listening just don't mix -
>
> > too many compromises. The idea of having a device that reproduces a
> > one microvolt radio wave while keeping out all other RF sources is
> > absurd. Maybe live streaming over the internet is the best
> solution.
> > Maybe live streaming is boring because it is so easy? What does
> that
> > say about all us techies? Kim AB7JK
>
> It says we love our hardware!
>
> I still have an FRG-7. Bought one, loved it, traded it away, bought
> another one.
> I found that there is a completely different thrill in dialing in
> some unknown station on a frequency that you're not really sure of
> than there is in clicking on an entry in a spreadsheet and instantly
> having the radio lock onto it and hearing exactly what you choose.
> The "frog" requires dialing 4-6 knobs when changing frequencies
> 1-Band select
> 2-Preselector

> 3-MHz select
> 4-Actual frequency
> 5-Fine tuning
> 6-Mode
> But isn't it fun to hear a far away station moving that little s-
> meter needle with the warm incandescent dial lights while listening
> to it in a dark room? That big front firing speaker softens the
> sounds and really brings out the fidelity that many SWBC stations
> really broadcast.
>
> Don't get me wrong, I love my R-75. The R-75 instantly locks onto
> SSB signals without the need to warm up a drifty BFO and it can
knock
> down heterodynes instantly. The twin PBT beats IF shift hands down
> and the variable RF gain works great at reducing background noise.
>
> I just want to say that if you want the best of both worlds, have
> both rigs!
>
> <hint> if you want to try out an R-75, get a used one with the
DSP.
> After you've tried it out, in the event you don't like it (I'll bet
> you will), you'll probably be able to sell it for what you paid for
> it. Even if you lose a few $, think of it as a rental fee and
you'll
> realize what a bargain it is.
>
> 73
> Roy

1917. Re: [icomr75] Re: IC R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-10 03:22:31 UTC
From: n4aiw@aol.com
Topic: 1889 Message: 1917

before you hit warp speed please consider this, the r75 is basically a icom 718,746 pro,756 pro2 with out some of the bells and whistles, but with some of its own bells and whistles. for example a clock all swl and ham radios should have a clock on them. you can run this thing on the wall wart, a power supply, are a battery. it has both the so 239 for coax and a 500 ohms connector for ladderline. i could go on and on but heres the magic, its the Fr gain control, when your listening look at your s meter and back off the Fr gain just until the hash marks are past the signal peaks now adjust the volume,agc,att,preamps this is common on most of the icoms and the older good swl and ham receivers.
bye, n4aiw

1918. R75 or streaming audio

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-10 12:09:30 UTC
From: Jem Cullen
Topic: 1918 Message: 1918

STREAMING audio over shortwave? PLEASE! no-no! u got it wrong. I mean you may as well watch TV! it aint about the audio or the choice. its about digging them out!

saying streaming audio is better is like saying, its better to go to the fish shop then to go fishing, or better to go to the greengrocer then to grow ur own, better to get on your cell-phone then to call cq-dx on 20 Metre band.

sure one has better choice, always works has almost guaranteed 100% success but so what...

one has pride, mystery, art, craft, excitement (and frustration)
Anyone who considers streaming audio an alternate, should probably NOT buy an R75.

they should buy a cheaper outfit, that would do fine for bbc/voa/hcjb etc, like a sony handheld or a Lowe (still damned good with great audio), spend the rest on broadband and pc equipment.

if its just about SWL (BCL) to "news and entertainment) the R75 is prob overkill.

MY r75 is great. Its not my favorite rig that Ive ever owned, I think that would be a drake ssr1 . Its not even my fave i own right now, that would be my TS440S. but it is the BEST i have ever known. best audio, best sensitivty, best selectivity (ok i had a kenwood r5000 was better there, but it had full house of optional filters, this has only std ones).

Its just out performs any rig ive ever owned. i listen to my r75 nearly all day and night both for local MW news n talk, and serious DX sessions. Why ain it my fave? I dunno, a bit like when ur 50 and u lookback over all the cars u owned, and the one makes u misty-eyed is a 69 VW or somethin.....

73 de jem

Message: 5
Date: Wed, 10 Jul 2002 01:46:51 -0000
From: "kabjkm2002" <kabjkm2002@...>
Subject: Re: IC R75

Yea, I had an FRG7 for about a year. I liked it but the selectivity was wide as barn door and the audio was somewhat bassy. It seems like every rig has something wrong with it that you become more and more conscious of the longer you own it. Maybe I'm too particular. I tell you, aside from the rebuffering, live streaming is deinitely the best

audio. The number of stations available isn't bad eather. AB7JK

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http://photos.msn.com/support/worldwide.aspx

1919. B&W Antennas?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-10 13:44:55 UTC
From: klodtlarry@aol.com
Topic: 1919 Message: 1919

Anyone have any expierence with the previously listed antenna? $25 is not a bad price. Thanks in advance!

LARRY :-)

1920. Re: [icomr75] B&W Antennas?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-10 15:02:45 UTC
From: Moxie3
Topic: 1919 Message: 1920

Larry, I ordered one and should receive it today. However, I still need to order coax, and I'm looking into getting some type of static and RF protection. What kind of protection do you have?

George

--- Original Message -----
From: klodtlarry@...
To: icomr75@yahoogroups.com
Sent: Wednesday, July 10, 2002 8:44 AM
Subject: [icomr75] B&W Antennas?

Anyone have any expierence with the previously listed antenna? $25 is not a bad price. Thanks in advance!

LARRY :-)

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[Non-text portions of this message have been removed]

1921. Re: [icomr75] B&W Antennas?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-10 15:13:41 UTC
From: klodtlarry@aol.com
Topic: 1919 Message: 1921

I am just unplugging the antenna when not in use. I have the r-75 grounded. I could never decide what to use on the feedline. I received lots of different views on it.

LARRY :-)

1922. Ladder Line or Coax?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-10 15:14:41 UTC
From: klodtlarry@aol.com
Topic: 1922 Message: 1922

Well if I do order the B&W antenna, should I get Ladder line or use coax? Sorry for the questions, I am new to this :-(

Thanks!
LARRY :-)

1923. Re: [icomr75] Ladder Line or Coax?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-10 16:33:05 UTC
From: Moxie3
Topic: 1922 Message: 1923

Larry, you're probably speaking to the wrong guy. I ordered the coax because I have the single wire Shack antenna going to the spring loaded clip. I thought that by going with the coax I could alternate antennas if I so desire. But coax does seems to be the choice feed. How are you grounding the receiver?

George
----- Original Message -----
From: klodtlarry@...
To: icomr75@yahoogroups.com
Sent: Wednesday, July 10, 2002 10:14 AM
Subject: [icomr75] Ladder Line or Coax?

Well if I do order the B&W antenna, should I get Ladder line or use coax? Sorry for the questions, I am new to this :-(

Thanks!
LARRY :-)

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[Non-text portions of this message have been removed]

1924. Re: [icomr75] Ladder Line or Coax?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-10 16:16:55 UTC
From: klodtlarry@aol.com
Topic: 1922 Message: 1924

I have a "main shack" ground system consiting of a 12" copper pipe mounted under my desk, and I have all of my radio gear connected via lugs to this pipe. I use the copper braid (outer shield) of coax, tinned on one end and a lug on the other. Seems to make a drastic improvement over what I had before.

LARRY :-)

1925. Re: [icomr75] Ladder Line or Coax?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-10 16:17:43 UTC
From: klodtlarry@aol.com
Topic: 1922 Message: 1925

I forgot to mention that the copper pipe is connected to the main ground for my house

LARRY :-)

1926. Back on SW

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-11 07:36:47 UTC
From: kabjkm2002
Topic: 1926 Message: 1926

I finally broke down and decided to buy the ICR75 today and return to the hobby. I went QRT from the ham bands about a year ago (got tired of the ssb ops who think anyone running less than a kilowatt is a schmuck; the shallow qsos about pending colon operations and who ran into whom at Dayton; tired of the boring repititious name-qth-rst's of cw operating). The only thing likeable about ham radio anymore is psk31 but I don't like to type! - Much rather monitor it which brings me back to SWL where I started out with on an old nine (as advertised!) transistor thumwheel tuned Admiral radio ($9.95) forty years ago and heard WLS Chicago unexpectedly one night under the covers. I guess I'm returning to my roots. By the way - I don't mean to sound too critical but why don't some of you members cut loose once in awhile? Does everything have to be about filter mods and antenna impedance matching? Can't we learn and have fun too? Kim AB7JK

1927. Re: [icomr75] Back on SW

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-11 13:41:01 UTC
From: Moxie3
Topic: 1926 Message: 1927

Kim, welcome back. And yes, we can do both, have some fun and talk tech.

George
----- Original Message -----
From: kabjkm2002
To: icomr75@yahoogroups.com
Sent: Thursday, July 11, 2002 2:36 AM
Subject: [icomr75] Back on SW

I finally broke down and decided to buy the ICR75 today and return to the hobby. I went QRT from the ham bands about a year ago (got tired of the ssb ops who think anyone running less than a kilowatt is a schmuck; the shallow qsos about pending colon operations and who ran into whom at Dayton; tired of the boring repititious name-qth-rst's of cw operating). The only thing likeable about ham radio anymore is psk31 but I don't like to type! - Much rather monitor it which brings me back to SWL where I started out with on an old nine (as advertised!) transistor thumwheel tuned Admiral radio ($9.95) forty years ago and heard WLS Chicago unexpectedly one night under the covers. I guess I'm returning to my roots. By the way - I don't mean to sound too critical but why don't some of you members cut loose once in awhile? Does everything have to be about filter mods and antenna impedance matching? Can't we learn and have fun too? Kim AB7JK

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[Non-text portions of this message have been removed]

1928. Re: [icomr75] Back on SW

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-11 14:19:52 UTC
From: klodtlarry@aol.com
Topic: 1926 Message: 1928

Hello! I have come back ot the SWl hobby in the same way as you. I started back in the mid 80's, then got out in the 90's, and became a licsensed ham in 2000, found that to not be my cup of tea and returned to SWL'ing. Now I am having fun :-)

LARRY :-)

1929. Re: Back on SW

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-12 01:28:52 UTC
From: mexicanradio94102
Topic: 1926 Message: 1929

..You're right, radio is magic!...I remember gettig U.A.E. radio on my Magnavox, and listening to a ham net in Africa on my Sony ! It's much more then technical details!

1930. Re: [icomr75] Re: Back on SW

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-12 01:41:58 UTC
From: Rik van Riel
Topic: 1926 Message: 1930

On Fri, 12 Jul 2002, mexicanradio94102 wrote:

> ..You're right, radio is magic!...I remember gettig U.A.E. radio on
> my Magnavox, and listening to a ham net in Africa on my Sony ! It's
> much more then technical details!

Absolutely. When I still lived in the Netherlands I could hear
all of Europe (well, except for Iceland and Malta) on an old
tube radio with LW, MW, 49 meters and FM, using a random wire
antenna for LW/MW/SW and a dipole for FM.

I used to dig various stations out of the noise, or just enjoy
the music from Ireland, Croatia, Italy, ...

10 years later I have a (home-brew, of course!) T2FD antenna
and an R75.

I'm _still_ digging unknown stations out of the noise and
enjoying music of far-away countries ... and it's just as
new and exciting as it was 10 years ago.

Of course, the R75 allows me to listen to more stations
than I could have heard with the old radio and it pushes
the limits of my antenna, but that just means I have to
go out into the big blue room and put up a better antenna ;)

regards,

Rik
--
Bravely reimplemented by the knights who say "NIH".

http://www.surriel.com/ http://distro.conectiva.com/

1931. Re: [icomr75] Re: Back on SW

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-12 03:14:55 UTC
From: klodtlarry@aol.com
Topic: 1926 Message: 1931

I got my start in SW back when I was about 12 years old, about 1982. I had traded an old bike at a pawn shop for a multi band radio. I loved it, as I could hear the police, fire and shortwave! My first station I heard was Radio Havana Cuba, and I sent them a letter. They sent me tons of neat souviners! I was in awe from that point on! It still amazes me how I can hear broadcast from all over the world!

LARRY :-)

[Non-text portions of this message have been removed]

1932. New ICR75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-12 08:38:11 UTC
From: kabjkm2002
Topic: 1932 Message: 1932

I've been listening to a new R75 for several hours. It seems to me Icom went out of their way to make the lowest fidelity radio they could make. Even on SSB the rig sounds muddy and dull. My Sony SW10 sounds better in AM except for the fading distortion. The FT 840 sounds like high fidelity compared to the Icom in ssb mode. The Icom reminds me alot of the RS DX100 circa 1980 - which sold for $100. In fact in the Icom ads the ICR75 looks brown but in reality it is black and even looks like the DX100 except for the plastic case and the analog dial. I bet they have the very same audio sections! From reading the posts in this group it seems like everyone new to the R75 has the same low opinion of it's audio. People who have used it awhile feel the audio is good. A matter of conditioning I suppose. I may have too many good sounding rigs to put up with this one for very long. Just too painful a listen. AB7JK

1933. Re: [icomr75] New ICR75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-12 12:19:18 UTC
From: Lew Chapman
Topic: 1932 Message: 1933

You obviously haven't had time to learn how to use the set properly yet.
I'm curently tuning in MW yanks in the Xband, & loving the ability to pull them out of the Hash, & I'm in South Australia. Do you have the DSP unit? I do but rarely have to use it.
Give it a little time before knocking a very good DX machine..
The other receivers are portables only & really only for general shortwave listening.
Cheers Lew
Moana Beach
South Oz.
At 08:38 AM 7/12/02 -0000, you wrote:
> I've been listening to a new R75 for several hours. It seems to me
> Icom went out of their way to make the lowest fidelity radio they
> could make. Even on SSB the rig sounds muddy and dull. My Sony SW10
> sounds better in AM except for the fading distortion. The FT 840
> sounds like high fidelity compared to the Icom in ssb mode. The Icom
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> AB7JK
>
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1934. New to group

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-12 14:14:31 UTC
From: Jack
Topic: 1934 Message: 1934

Hi all,

Im new to the group and would like some comments on what sort of antenna's people are using with the R75 ,i have had mine for about 3 months now and i think its the best thing since sliced bread ;)

My main listening area's are Military comm's and low band VHF skip ,what sort of antenna setup do you recommend for this?? ,i mainly listen between 5mhz and 21 for military stuff and of course 32mhz to 38mhz for VHFlo stuff.

I currenty have a Semi inverted V cut for 8.5mhz (about half way between the frequencys i listen to) ,and this doesnt seem to be doing a real good job ,im getting alot of 'hash' type noise and fast type of crackling noise ,i have the DSP unit fitted and this does help to reduce some of the rubbish all though it still burys some of the weaker signals! ,sometimes there is not real bad interference just your regular 'Shhhhhhhhhhhhhh' background noise yet the signal meter is showing near 9+ signal ,is this normal?? ,it makes it awfully hard to determine a lowish signals real strength ,i have a good earth connection (2ft copper pipe buried in the ground outside the shack window with heavy duty guage plastic coated wire off that in to the R75) ,could i have multiple legs running from each side of the V cut for different frequencys? or wouldnt this work? ,oh the V is also connected via a 1:1 Balun ,then fed with RG-213 coax.
Any other antenna plans/ideas would be greatful (the maximum amount of wire i can get out in the yard would be about 30ft tops ,and only about 20ft in height!)

For the Low band VHF i have modified a 27mhz halfwave StationMaster antenna for 33mhz ,this was put on a network Analyzer and tuned till it was -36DB at 33.72mhz ,so far the skip here in Tasmania is nil so i cant see if my handy work is a winner or not! ,anyone else have any good low band antenna designs?

Ok think i have said enough for my first post!!

Cheer's,

Jack

P.S would any of the Mods for the R75 benefit my listing area's??

[Non-text portions of this message have been removed]

1935. RE: [icomr75] New ICR75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-12 14:56:58 UTC
From: HFSSB
Topic: 1932 Message: 1935

Lew, have you tried the different settings of the NR control? While listening to one of your stations, "press and hold down" the NR button until the NR level numbers pop up on the display (everything else will temporarily disappear). Slowly adjust the VFO knob to get rid of all the background noise without distortion to the received signal. This is a DSP function and will certainly make most receiving more enjoyable!
Marty

-----Original Message-----
From: Lew
.....Do you have the DSP unit? I do but rarely have to use it.

1936. Re: New to group

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-12 15:10:25 UTC
From: jim_hack
Topic: 1934 Message: 1936

I doubt this will help much but, a typical ground rod is 8 ft. into the ground. Sometimes conditions are bad and you will get more or less noise. Do you have above ground power lines near your antenna? If you have the room, you might try orienting your ant perpendicular to any power lines...

--- In icomr75@y..., "Jack" <haz_ard@s...> wrote:
> Hi all,
>
> Im new to the group and would like some comments on what sort of antenna's people are using with the R75 ,i have had mine for about 3 months now and i think its the best thing since sliced bread ;)
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> Cheer's,
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> Jack
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> P.S would any of the Mods for the R75 benefit my listing area's??
>
>
> [Non-text portions of this message have been removed]

1937. Re: [icomr75] Re: New to group

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-12 15:17:23 UTC
From: Jack
Topic: 1934 Message: 1937

There are powerlines but on the opposite side of the house to where my V is situated.

Cheer's,

Jack
----- Original Message -----
From: jim_hack
To: icomr75@yahoogroups.com
Sent: Saturday, July 13, 2002 1:10 AM
Subject: [icomr75] Re: New to group

I doubt this will help much but, a typical ground rod is 8 ft. into
the ground. Sometimes conditions are bad and you will get more or
less noise. Do you have above ground power lines near your antenna?
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>
> [Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

1938. Re: New ICR75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-12 15:20:48 UTC
From: rsakabu
Topic: 1932 Message: 1938

>Just too painful a listen. AB7JK

First of all Kim, try listening to it without the NR function. The speaker is optimized for voice communications and I think it is as good as most HF transceivers, maybe better than most on SSB. It IS pretty pathetic for SWBC listening, especially music from a good signal, but try using a good external speaker. You'll see that the fidelity really is there, it's just lost when going through the speaker. That's a lot more than I can say with some rigs where the fidelity is lost within the electronics and no external soud system can bring it back. Also, as the other posts say, try using AS LITTLE DSP noise reduction as possible. The DSP does great at knocking down heterodynes, but is not a "magic bullet" at eliminating static or QRM.

If you can't stand the pain for too much longer, I'll trade you an IC-745 for it :).

73
Roy
AD6ZU

1939. Re: New to group

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-12 16:55:41 UTC
From: harveymillerca
Topic: 1934 Message: 1939

Hi Jack:

Welcome to the group!
I've had good results with a random wire antenna with a `Doty low noise feed line' It's main virtue is a reduction in local electrical interference
(http://www.anarc.org/naswa/badx/antennas/low- noise_antenna.html.)

I find that this setup has noticeably less static on medium strength and weaker strength signals. My background noise measurements have dropped by s3-s5 (compared to insulated wire feedlines). I normally do broadcast listening.
Hope this helps!

Regards
from Ottawa
Harvey

1940. Re: New ICR75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-12 11:43:16 UTC
From: Ubbe
Topic: 1932 Message: 1940

Maybe the person using it before you had set the filters so
that you are listening thru the narrowest filters available?

I think the R75 have a great audio for SSB, but I use an external
speaker. I've never tuned in any BC stations so cannot vouch for
it?s music fidelity, but for unid stations it sounds just fine
to me. Filter selections and the PBT controls lets you adapt the
filters to match any kind of signal. If I receive a strong noise
free signal on both the R75 and my DX394, the R75 have way better
audio quality using the same type of external speaker.

Ubbe.

kabjkm2002 wrote:
>
> I've been listening to a new R75 for several hours. It seems
> to me Icom went out of their way to make the lowest fidelity
> radio they could make. Even on SSB the rig sounds muddy and dull.

1941. RE: [icomr75] Re: New ICR75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-12 17:42:11 UTC
From: HFSSB
Topic: 1932 Message: 1941

Second that, forget the internal speaker, the lows on good SSB audio (like the HFSSB Hams) through decent headphones/speakers is great if your filters are not set too narrow. Also noticed that the higher the NR number the less fidelity. NB can cause distortion, etc. A little patience and experimentation with the controls goes a long way with the newer DSP radios.
Marty

-----Original Message-----
From: Ubbe ....
I think the R75 have a great audio for SSB, but I use an external speaker. ...

1942. Speakers

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-12 18:43:07 UTC
From: Moxie3
Topic: 1942 Message: 1942

I was thinking about getting the optional Icom speaker and was wondering if anyone has it and their satisfaction with it. Also, is the Icom speaker amplified?

I have a set of amplified Koss speakers in storage used for personal audio which I haven't tried with the R75 but assumed that the Icom would be a better choice. Any thoughts?

George

[Non-text portions of this message have been removed]

1943. Re: [icomr75] Speakers

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-12 18:12:51 UTC
From: klodtlarry@aol.com
Topic: 1942 Message: 1943

I now use a JVC satellite speaker, and it sounds as good or better than the Icom SP-21 speaker. It is black, with a black cloth grille, and is near the size of the R-75. I have 3 extra ones that I am going to sell. These are new, unused. I would like $30 each plus $7 shipping. Thanks!

LARRY :-)

1944. Re: New ICR75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-12 21:35:49 UTC
From: just_rtfm
Topic: 1932 Message: 1944

lowest fidelity? muddy and dull? sounds like an Radio Shack DX100?
LOL... hmm, could it be that the RRS folks have finally sunk to
trolling us here?

phil :)

1945. Re: [icomr75] Speakers

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-12 22:55:42 UTC
From: Moxie3
Topic: 1942 Message: 1945

Larry,

Is the speaker amplified and 8 ohms? Is there a site where I could take a look at a photo of the radio? Thanks

George
----- Original Message -----
From: klodtlarry@...
To: icomr75@yahoogroups.com
Sent: Friday, July 12, 2002 1:12 PM
Subject: Re: [icomr75] Speakers

I now use a JVC satellite speaker, and it sounds as good or better than the Icom SP-21 speaker. It is black, with a black cloth grille, and is near the size of the R-75. I have 3 extra ones that I am going to sell. These are new, unused. I would like $30 each plus $7 shipping. Thanks!

LARRY :-)

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[Non-text portions of this message have been removed]

1946. Re: [icomr75] Speakers

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-12 22:57:01 UTC
From: Moxie3
Topic: 1942 Message: 1946

Larry, I meant to say speaker and not radio.
George
----- Original Message -----
From: klodtlarry@...
To: icomr75@yahoogroups.com
Sent: Friday, July 12, 2002 1:12 PM
Subject: Re: [icomr75] Speakers

I now use a JVC satellite speaker, and it sounds as good or better than the Icom SP-21 speaker. It is black, with a black cloth grille, and is near the size of the R-75. I have 3 extra ones that I am going to sell. These are new, unused. I would like $30 each plus $7 shipping. Thanks!

LARRY :-)

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[Non-text portions of this message have been removed]

1947. IC-R75 running with car battery

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-12 22:01:08 UTC
From: manabu662001
Topic: 1947 Message: 1947

Dear members,

I tested to run R75 powered directly by car battery,not via cigar plug.
Some noises,for example around 7.919MHz are reduced. The noises are caused by the computer systems of automobile, I presume.

The following are loggings with R75,on July 12
(Thanks to Mr.Kenji Takasaki)

3373.5kHz USB a feeder of NHK Radio 2 0917-0918UTC SINPO34333
3259.0kHz USB a feeder of NHK Radio 1 0920UTC SINPO34333
3607.5kHz USB a feeder of NHK Radio 1 0921UTC SINPO34433
These chs are a back-up for emergency situation. A interesting games for serious DXers in USA or Europe?

This was the mobile operation with AN-1.

I think the audio of R75'internal speaker is not so satisfactory. But with an external speaker, the result is good. I use AIWA SX-T5 and YAESU SP-767.

Manabu Doi, a SWL in Okayama Japan

1948. Re: [icomr75] Re: New ICR75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-12 22:20:15 UTC
From: SP600historian@aol.com
Topic: 1932 Message: 1948

In a message dated 7/12/02 4:36:59 PM, just_rtfm@... writes:

<< lowest fidelity? muddy and dull? sounds like an Radio Shack DX100?
LOL... hmm, could it be that the RRS folks have finally sunk to
trolling us here?

phil :) >>

Well, my R-75 with all the Kiwa mods just arrived. It's not a Drake R8B, but with a good external speaker, it sounds just fine. I'm using a Optimus (Radio Shack) X7 speaker.

Having fun and Phil, I printed your cookbook. used the receiver for about one hour without opening the manual. Finally getting around to reading the Icom Manual and Phil's cookbook.

Les Locklear
SP-600 Historian
http://www.hammarlund.info/
Gulfport, Ms.

1949. Re: [icomr75] IC-R75 running with car battery

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-12 23:52:13 UTC
From: Moxie3
Topic: 1947 Message: 1949

Do you prefer the AIWA or the YAESU?

George
Tampa, Florida
----- Original Message -----
From: manabu662001
To: icomr75@yahoogroups.com
Sent: Friday, July 12, 2002 5:01 PM
Subject: [icomr75] IC-R75 running with car battery

Dear members,

I tested to run R75 powered directly by car battery,not via cigar
plug.
Some noises,for example around 7.919MHz are reduced. The noises
are caused by the computer systems of automobile, I presume.

The following are loggings with R75,on July 12
(Thanks to Mr.Kenji Takasaki)

3373.5kHz USB a feeder of NHK Radio 2 0917-0918UTC SINPO34333
3259.0kHz USB a feeder of NHK Radio 1 0920UTC SINPO34333
3607.5kHz USB a feeder of NHK Radio 1 0921UTC SINPO34433
These chs are a back-up for emergency situation. A interesting games
for serious DXers in USA or Europe?

This was the mobile operation with AN-1.

I think the audio of R75'internal speaker is not so satisfactory.
But with an external speaker, the result is good. I use AIWA SX-T5
and YAESU SP-767.

Manabu Doi, a SWL in Okayama Japan

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[Non-text portions of this message have been removed]

1950. Re: [icomr75] IC-R75 running with car battery

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-12 23:54:31 UTC
From: Moxie3
Topic: 1947 Message: 1950

I forgot to ask, are those speakers amplified?

George
----- Original Message -----
From: manabu662001
To: icomr75@yahoogroups.com
Sent: Friday, July 12, 2002 5:01 PM
Subject: [icomr75] IC-R75 running with car battery

Dear members,

I tested to run R75 powered directly by car battery,not via cigar
plug.
Some noises,for example around 7.919MHz are reduced. The noises
are caused by the computer systems of automobile, I presume.

The following are loggings with R75,on July 12
(Thanks to Mr.Kenji Takasaki)

3373.5kHz USB a feeder of NHK Radio 2 0917-0918UTC SINPO34333
3259.0kHz USB a feeder of NHK Radio 1 0920UTC SINPO34333
3607.5kHz USB a feeder of NHK Radio 1 0921UTC SINPO34433
These chs are a back-up for emergency situation. A interesting games
for serious DXers in USA or Europe?

This was the mobile operation with AN-1.

I think the audio of R75'internal speaker is not so satisfactory.
But with an external speaker, the result is good. I use AIWA SX-T5
and YAESU SP-767.

Manabu Doi, a SWL in Okayama Japan

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[Non-text portions of this message have been removed]

1951. Re: New ICR75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-12 23:18:44 UTC
From: atagrasin
Topic: 1932 Message: 1951

--- In icomr75@y..., SP600historian@a... wrote:
>
> In a message dated 7/12/02 4:36:59 PM, just_rtfm@y... writes:
>
> << lowest fidelity? muddy and dull? sounds like an Radio Shack DX100?
> LOL... hmm, could it be that the RRS folks have finally sunk to
> trolling us here?
>
> phil :) >>
>
> Well, my R-75 with all the Kiwa mods just arrived. It's not a Drake R8B, but
HI Les:If you want to see good reviews about the R-75 performance with some mods surpassing other receivers,check in the search archives in this group[write drake in the box]and then search and read the reviews.An remember the R8B don't have:DSP,TWO PRE-AM,aut notch,coverage up to 60mhz,. If has you posted you have all the kiwa mod's now you have 2.4khz,3.8khz,6khz filters,a working sync det,and your R-75 surpass the R8B in sensitivity and in SSB reception. The R-75 tunning is in 1hz increment the R8B can't tune in 1hz increment.With both receiver you need an external speaker for a best sound reproduction. An you save about $600.00 with the mod R-75.

1952. Re: New ICR75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-12 23:28:10 UTC
From: atagrasin
Topic: 1932 Message: 1952

--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> lowest fidelity? muddy and dull? sounds like an Radio Shack DX100?
> LOL... hmm, could it be that the RRS folks have finally sunk to
> trolling us here?
>
Yes Phil:Muddy and dull sound?Hmmmmmmmmm.To my experience the r-75 has a crispy[more high's than low's]sound.I installed a $14.00 Radio shack pc speakers and now the sound compare with any of the pro' "shortwave" receivers.
Atagrasin

1953. Re: [icomr75] Re: New ICR75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-13 01:14:16 UTC
From: SP600historian@aol.com
Topic: 1932 Message: 1953

In a message dated 7/12/02 6:19:09 PM, k1c2@... writes:

<< --- In icomr75@y..., SP600historian@a... wrote:
>
> In a message dated 7/12/02 4:36:59 PM, just_rtfm@y... writes:
>
> << lowest fidelity? muddy and dull? sounds like an Radio Shack
DX100?
> LOL... hmm, could it be that the RRS folks have finally sunk to
> trolling us here?
>
> phil :) >>
>
> Well, my R-75 with all the Kiwa mods just arrived. It's not a Drake
R8B, but
HI Les:If you want to see good reviews about the R-75 performance
with some mods surpassing other receivers,check in the search
archives in this group[write drake in the box]and then search and
read the reviews.An remember the R8B don't have:DSP,TWO PRE-AM,aut
notch,coverage up to 60mhz,. If has you posted you have all the kiwa
mod's now you have 2.4khz,3.8khz,6khz filters,a working sync det,and
your R-75 surpass the R8B in sensitivity and in SSB reception. The R-
75 tunning is in 1hz increment the R8B can't tune in 1hz
increment.With both receiver you need an external speaker for a best
sound reproduction. An you save about $600.00 with the mod R-75.

>>

Well, I wasn't worried about saving $600.00, I just happened to get this R-75
with all the Kiwa mods and needed another solid state receiver in my
workshop. It happened to be available.

That said, it is a pretty good receiver, especially with the Kiwa
modifications. I had operated one side by side with my R8B several months
ago, it was a stock R-75 and there is no comparison with this Kiwa modified
R-75.

But, I'll stick with my opinion of the R8B being a better receiver. Of
course, it is qquite a bit more expensive, so it should be.

Enough said about the two of them as this is a Icom R-75 list. I'm enjoying
it as I earlier stated.

Les Locklear
SP-600 Historian
http://www.hammarlund.info/
Gulfport, Ms.

1954. Re: IC-R75 running with car battery

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-13 01:52:44 UTC
From: manabu662001
Topic: 1947 Message: 1954

Dear Mr.Moxie3

Neither is amplified,they are passive. I prefer SP-767 in fidelity, but SX-T5 is handy for mobile operation. I can plug my headphones via SP-767, the fidelity is better than when directly connected. I don't know the reason why.

Manabu Doi,a SWL in Okayama,Japan

1955. Re: New ICR75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-13 02:01:50 UTC
From: atagrasin
Topic: 1932 Message: 1955

> But, I'll stick with my opinion of the R8B being a better receiver. Of
> course, it is qquite a bit more expensive, so it should be.
>
> Enough said about the two of them as this is a Icom R-75 list. I'm enjoying
> it as I earlier stated.HI Les:Sometime ago I operated and test side by side for 3 week a new R8-B and a mod R-75 and the mod R-75 surpass the R8B in sensitivity and in utilities.My R-75 have the sensitivity mod[no the half moon short mod but the advance one with a 1mh inductor and remplacement of some resistors[you can find this mod in the files of R-75 yahoo group].My R-75 have the 3.8 kiwa filter and a murata 3.3 khz filter 6khz and 2.4 filters.I moded the sync det first with the kiwa mod and then I upgrade it with a Quad 339 comparator for better sync det performance.I bring some hams and let my friends to test the 2 receivers but no way the R-75 with his super sensitivity and DSP feature was the winner.I receive some E-mail and see some reports with the same conclusion.I have to sell the R-8B because there no sense in have both receivers.There is another problem with the drake,the heat generate inside,[I have some friends owners of the R8-B that are using an external power supply [12v]to solve the heat problem.]I respect your oppinion about the R8-B,is one of the best receiver around but I'll stick with my oppinion about my mod[loaded] R-75 being a better receiver than the R8-B,not a price issue but a performance fact.In my personal case "The myth of the perfect receiver" was dispelled.

1956. Re: [icomr75] New ICR75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-13 02:30:37 UTC
From: Gerald Atherton
Topic: 1932 Message: 1956

Hi:

The R75 is a communications receiver, not a home entertainment stereo receiver. I have not looked at the R75's spec's, but I can tell you that normal audio bandwidth for good communication quality is 2700 hz (300 to 3000 hz) and there is no way it is going to sound as nice as most any FM receiver. However, the human voice has most of the recognizable intelligence contained within the 300 to 3000 hz bandwidth. Anything more than that does not substantially contribute to understanding what is being said.

Years ago, the ARRL published and article on a passive audio filter which restricted the audio the narrow bandwidth mentioned above. I built several, and with the exception of the R-75 have found very few receivers that did not benefit from using it for pulling weak signals out of the noise.

73's

Jerry - WA9CXN
Rice Lake, Wi

At 03:38 AM 7/12/02, you wrote:
>I've been listening to a new R75 for several hours. It seems to me
>Icom went out of their way to make the lowest fidelity radio they
>could make. Even on SSB the rig sounds muddy and dull. My Sony SW10
>sounds better in AM except for the fading distortion. The FT 840
>sounds like high fidelity compared to the Icom in ssb mode. The Icom
>reminds me alot of the RS DX100 circa 1980 - which sold for $100. In
>fact in the Icom ads the ICR75 looks brown but in reality it is black
>and even looks like the DX100 except for the plastic case and the
>analog dial. I bet they have the very same audio sections! From
>reading the posts in this group it seems like everyone new to the R75
>has the same low opinion of it's audio. People who have used it
>awhile feel the audio is good. A matter of conditioning I suppose. I
>may have too many good sounding rigs to put up with this one for very
>long. Just too painful a listen. AB7JK
>
>
>
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1957. RE: [icomr75] Re: IC-R75 running with car battery

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-13 02:49:39 UTC
From: Enrique A. Wembagher
Topic: 1947 Message: 1957

Hi,
I have my R75 with Yaesu SP-767, the sound is very well this.
Almost so good as the audio of my FRG-8800...

73?s
Enrique

> -----Mensaje original-----
> De: manabu662001 [mailto:AND61540@...]
> Enviado el: Viernes, 12 de Julio de 2002 22:53
> Para: icomr75@yahoogroups.com
> Asunto: [icomr75] Re: IC-R75 running with car battery
>
>
> Dear Mr.Moxie3
>
> Neither is amplified,they are passive. I prefer SP-767 in fidelity,
> but SX-T5 is handy for mobile operation. I can plug my headphones via
> SP-767, the fidelity is better than when directly connected. I don't
> know the reason why.
>
> Manabu Doi,a SWL in Okayama,Japan
>
>
>
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>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

1958. Re: [icomr75] Speakers

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-13 02:58:57 UTC
From: klodtlarry@aol.com
Topic: 1942 Message: 1958

Hello! The speaker is 8 ohms, and is a satellite bookshelf speaker from a surround system. I purchased a JENSEN Surround system, but I only needed the center channel speaker and the sub woofer. So I had 2 rear satellite speakers, and 2 front bookshelf speakers. They soound as good or better as the Icom SP-21 (which I have and compared them to). I am using the Jensen speker now as the speaker for my r-75. So to make a long story short, I have 3 speakers that are extras. I do not have a digital camera, but will try to take a pic and scan it in. The speaker is just a hair taller than the r75, and is black and looks real good next to the rig.

LARRY :-)

[Non-text portions of this message have been removed]

1959. Re: New ICR75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-13 04:52:59 UTC
From: singleshare
Topic: 1932 Message: 1959

>>It seems to me Icom went out of their way to make the lowest fidelity radio they could make. Even on SSB the rig sounds muddy and dull<<

I found that poking a bunch of holes through the speaker with a small screwdriver did wonders.....

1960. Re: [icomr75] Re: New ICR75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-13 05:39:09 UTC
From: DeWayne
Topic: 1932 Message: 1960

OMG!
----- Original Message -----
From: singleshare
To: icomr75@yahoogroups.com
Sent: Friday, July 12, 2002 11:52 PM
Subject: [icomr75] Re: New ICR75

>>It seems to me Icom went out of their way to make the lowest
fidelity radio they could make. Even on SSB the rig sounds muddy and
dull<<

I found that poking a bunch of holes through the speaker with
a small screwdriver did wonders.....

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[Non-text portions of this message have been removed]

1961. Re: New ICR75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-13 05:49:32 UTC
From: jim_hack
Topic: 1932 Message: 1961

This is by far, the best response to the O.P. yet!
ROTFLMAO

--- In icomr75@y..., "singleshare" <singleshare@y...> wrote:
> >>It seems to me Icom went out of their way to make the lowest
> fidelity radio they could make. Even on SSB the rig sounds muddy
and
> dull<<
>
> I found that poking a bunch of holes through the speaker with
> a small screwdriver did wonders.....

1962. Re: New ICR75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-13 06:15:59 UTC
From: radiohighfreq
Topic: 1932 Message: 1962

--- In icomr75@y..., "singleshare" <singleshare@y...> wrote:
> >>It seems to me Icom went out of their way to make the lowest
> fidelity radio they could make. Even on SSB the rig sounds muddy and
> dull<<
>
> I found that poking a bunch of holes through the speaker with
> a small screwdriver did wonders.....
.
Do you recommend a Phillips or Regular Screw Driver?
.
~ RHF
.

1963. Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-13 07:29:15 UTC
From: Jack
Topic: 1963 Message: 1963

Hi all,

Could some kind person please explain the filter setup for the R75?

I have a stock standard unit and im abit confused as to what filters should be selected when setting up the filter menu ,also what is the 'Exp on/off' feature in the filter menu and what does it do?? ,i hardly listen to any am ,99% is SSB ,so what settings should be set to what??

Also would i get any improvement by adding more filters and what one's would i benifit from for my mode of listening??

Thanks in advance!

Jack

[Non-text portions of this message have been removed]

1964. Re: [icomr75] Speakers

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-12 20:28:28 UTC
From: E de Jong
Topic: 1942 Message: 1964

That's a coincidence, I use these too (type SP-ES5). Have one connected to the R75 and one on to my scanner, doing a great job! Nice bass...

Mei freonlike groetnis...

Ed de Jong
Balk. The Netherlands
URL: http://beam.to/galact
E-mail: ed@... <mailto:ed@...> (default)

_____
{The night hides a world but unveils a universe}

----- Original Message -----
From: klodtlarry@...
To: icomr75@yahoogroups.com
Sent: Friday, July 12, 2002 8:12 PM
Subject: Re: [icomr75] Speakers

I now use a JVC satellite speaker, and it sounds as good or better than the Icom SP-21 speaker. It is black, with a black cloth grille, and is near the size of the R-75. I have 3 extra ones that I am going to sell. These are new, unused. I would like $30 each plus $7 shipping. Thanks!

LARRY :-)

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[Non-text portions of this message have been removed]

1965. Ground Wire Type & Gauge

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-13 14:02:03 UTC
From: Moxie3
Topic: 1965 Message: 1965

I've read a couple of posts about using a thick as possible ground wire. But the R75 connection doesn't seem to accept a very heavy gauge wire. I have about a 75 foot run from receiver to ground rod and was thinking about running 16 or 14 gauge copper stranded wire. I know have 16 gauge but it seems pretty thin. Should I try 12 gauge from the ground rod up to a certain point then switch to 14 or 16 gauge? Also, does it matter if the ground wire is insulated?

George

[Non-text portions of this message have been removed]

1966. Re: [icomr75] Speakers

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-13 14:09:16 UTC
From: Moxie3
Topic: 1942 Message: 1966

Larry,

I finally hooked-up my Koss amplified speakers and was surprised to hear that the sound was terrible. I'm not trying to get high fidelity just better general sound in general. Maybe I need to get a speaker made for speech rather than high fidelity music.

George

Original Message -----
From: klodtlarry@...
To: icomr75@yahoogroups.com
Sent: Friday, July 12, 2002 9:58 PM
Subject: Re: [icomr75] Speakers

Hello! The speaker is 8 ohms, and is a satellite bookshelf speaker from a surround system. I purchased a JENSEN Surround system, but I only needed the center channel speaker and the sub woofer. So I had 2 rear satellite speakers, and 2 front bookshelf speakers. They soound as good or better as the Icom SP-21 (which I have and compared them to). I am using the Jensen speker now as the speaker for my r-75. So to make a long story short, I have 3 speakers that are extras. I do not have a digital camera, but will try to take a pic and scan it in. The speaker is just a hair taller than the r75, and is black and looks real good next to the rig.

LARRY :-)

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

1967. Re[2]: [icomr75] Speakers

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-13 13:14:22 UTC
From: Marv Loopstra
Topic: 1942 Message: 1967

Hello Moxie3,

Saturday, July 13, 2002, 7:09:16 AM, you wrote:

M> Larry,

M> I finally hooked-up my Koss amplified speakers and was surprised to hear that the sound was terrible. I'm not trying to get high fidelity just better general sound in general. Maybe I need to
M> get a speaker made for speech rather than high fidelity music.

I was disappointed in my computer speakers when hooked up to my R75.
I hooked up a PROnouncer that I had for my PCR1k and it works quite well.
Marv

1968. Re: [icomr75] Digest Number 431

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-13 13:15:19 UTC
From: Jem Cullen
Topic: 1968 Message: 1968

Coz i got an opinion on everything, I gotta talk about this too!
lets swap stories how we got into radio, and what we love about it.

Lets see It all started with me in the late 70s or early 80s in high-school, i got a Realistic DX100 at a RatShack Clear out. A friend who knew a little about radio made me "windom" dipole out a speaker hook-up wire. Heard BBC, VOA, R Moscow, (Hey remember "Radio station Peace and Progress"?) HCJB etc, I was hooked!

After a few years the old DX100 died (OK i tried t fix it once too often & killed it) and i discovered girls and drinking, left school, got job, lived in innercity etc, no radios.

Anyhoo, one day perusin the classifieds I spot a Drake SSR 2nd hand. This was about 1988. started my second wave of radios. ended up getting my ham ticket(but like others I found ham radio not so interestin, might use a mic once twice a year), lotsa different radios went thru the shack over 5-6 years.

THen i had kids, and got into serious computer studies few years.. sold all the radios.

Then one day a few years later (about 2 years back) I was perusing the classifieds, i spot a VHF/UHF scanner for sale..... here we go again said the wife....

73 de Jem
VK2JEM
www.qsl.net/vk2jem
check it out..pics my rigs. lotsa link and stuff too

Message: 1
Date: Thu, 11 Jul 2002 07:36:47 -0000
From: "kabjkm2002" <kabjkm2002@...>
Subject: Back on SW

I finally broke down and decided to buy the ICR75 today and return to the hobby. I went QRT from the ham bands about a year ago (got tired of the ssb ops who think anyone running less than a kilowatt is a schmuck; the shallow qsos about pending colon operations and who ran into whom at Dayton; tired of the boring repititious name-qth-rst's of cw operating). The only thing likeable about ham radio anymore is psk31 but I don't like to type! - Much rather monitor it which brings me back to SWL where I started out with on an old nine (as advertised!) transistor thumwheel tuned Admiral radio ($9.95) forty years ago and heard WLS Chicago unexpectedly one night under the

covers. I guess I'm returning to my roots. By the way - I don't mean to sound too critical but why don't some of you members cut loose once in awhile? Does everything have to be about filter mods and antenna impedance matching? Can't we learn and have fun too? Kim AB7JK

_____
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http://www.hotmail.com

1969. Re: [icomr75] Speakers

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-13 14:11:06 UTC
From: klodtlarry@aol.com
Topic: 1942 Message: 1969

I keep saying jvc, but they are really Jensen. They are the model #JHT-805. Nice sound 4" speaker and really helps! I also use a pair of communications headphones and those do wonders also!

LARRY :-)

[Non-text portions of this message have been removed]

1970. Re: Re[2]: [icomr75] Speakers

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-13 14:13:04 UTC
From: klodtlarry@aol.com
Topic: 1942 Message: 1970

Try stereo speakers. What I am using works as good or better than Icom SP-21. I have 3 more that I will sell CHEAP! They are new, and unused, and in my way!

LARRY :-)

[Non-text portions of this message have been removed]

1971. Re: Speakers

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-13 14:56:23 UTC
From: k4ten
Topic: 1942 Message: 1971

I use a speaker that Radio Shack sells. It is a RCA model XTS-50AV. It is inexpensive ($19.99, it is on sale for $14.99 quite often). It is shielded if you want to place it near a crt. It looks good, the black matches the IC-R75 very well. And it sounds FANTASTIC! It uses a SINGLE 4" driver. You do not want a tweeter for this application. A tweeter will degrade the sound (you hear too much hiss).

They are cheap enough, give one a try, I BET YOU WILL LIKE IT!

Here is a link for them: http://www.radioshack.com/product.asp?catalog%5Fname=CTLG&category%5Fname=CTLG%5F002%5F006%5F002%5F000&product%5Fid=40%2D5024

My name is Frankie. I have been read only for a while and enjoy the group. Keep up the good work! Here is my web page if you would like to take a look: http://users.chartertn.net/FHUNT/ You will not see the speakers in the photos. One is behind a mic and another has been added to the top shelf. I plan on getting another one when they go onsale again.

Frankie

1972. Re: Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-13 15:18:17 UTC
From: just_rtfm
Topic: 1963 Message: 1972

hi Jack:

my CookBook in the files section speaks about this briefly. basically there are two filters: one at the 9 MHz and the other at the 455 kHz IF (intermediate frequency). you turn EXP on if you purchase an optional filter. i would set things up like this:

SSB (normal) 2.4 kHz and 2.4 kHz
SSB (wide) 15.0 kHz and 6.0 kHz

in the 'normal' mode you can use the twin PBT (turning in opposite directions) to narrow the bandwidth. use the 'wide' for quickly tuning AM stations received as SSB (see the CookBook). also an inexpensive way to increase fidelity if you listen to AM as SSB is with the 2.8 kHz (@ 9MHz IF) filter. what kind of listening do you do?

phil :)

1973. Re: Speakers

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-13 15:22:14 UTC
From: jim_hack
Topic: 1942 Message: 1973

I was using an Audio Source 4" speaker in a black plastic enclosure
that I picked up at the flea market for $3! It sounded great until
one of my cats decided it was in her way and knocked it off the
shelf. The magnet broke loose from the speaker and now it doesn't
work at all. I saw that R.S. no longer sells their Optimus speakers.
I looked at the XTS 50AV but was leery. If you say it
sounds "fantastic", I'll take your word for it and give it a shot.
Oh yea, no cats allowed in the "shack"!!!

> I use a speaker that Radio Shack sells. It is a RCA model XTS-
50AV.
> It is inexpensive ($19.99, it is on sale for $14.99 quite often).
It
> is shielded if you want to place it near a crt. It looks good, the
> black matches the IC-R75 very well. And it sounds FANTASTIC! It
> uses a SINGLE 4" driver. You do not want a tweeter for this
> application. A tweeter will degrade the sound (you hear too much
> hiss).
>
> They are cheap enough, give one a try, I BET YOU WILL LIKE IT!
>
> Here is a link for them: http://www.radioshack.com/product.asp?
> catalog%5Fname=CTLG&category%5Fname=CTLG%5F002%5F006%5F002%
> 5F000&product%5Fid=40%2D5024
>
> My name is Frankie. I have been read only for a while and enjoy the
> group. Keep up the good work! Here is my web page if you would
like
> to take a look: http://users.chartertn.net/FHUNT/ You will not see
> the speakers in the photos. One is behind a mic and another has
been
> added to the top shelf. I plan on getting another one when they go
> onsale again.
>
> Frankie

1974. RE: Re[2]: [icomr75] Speakers

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-13 15:50:15 UTC
From: HFSSB
Topic: 1942 Message: 1974

I also have the Koss and several other types/brands of speakers. Everywhere I try to put the Koss speakers to use I find them disappointing compared to the others.
Marty

-----Original Message-----
... I finally hooked-up my Koss amplified speakers and was surprised to hear that the sound was terrible. ....

1975. Re: [icomr75] Re: Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-13 15:57:48 UTC
From: Jack
Topic: 1963 Message: 1975

Thanks for that phil!

I mainly listen to military comm's ie. 11.175mhz ,8.992mhz 8.122mhz etc etc ,plus i like to chase VHF low band skip (32 - 38mhz) ,and also the hams!

What sort of antenna setup are you using with your 75?

Cheer's,

Jack
----- Original Message -----
From: just_rtfm
To: icomr75@yahoogroups.com
Sent: Sunday, July 14, 2002 1:18 AM
Subject: [icomr75] Re: Question

hi Jack:

my CookBook in the files section speaks about this briefly. basically
there are two filters: one at the 9 MHz and the other at the 455 kHz
IF (intermediate frequency). you turn EXP on if you purchase an
optional filter. i would set things up like this:

SSB (normal) 2.4 kHz and 2.4 kHz
SSB (wide) 15.0 kHz and 6.0 kHz

in the 'normal' mode you can use the twin PBT (turning in opposite
directions) to narrow the bandwidth. use the 'wide' for quickly
tuning AM stations received as SSB (see the CookBook). also an
inexpensive way to increase fidelity if you listen to AM as SSB is
with the 2.8 kHz (@ 9MHz IF) filter. what kind of listening do you do?

phil :)

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[Non-text portions of this message have been removed]

1976. Re: [icomr75] Ground Wire Type & Gauge

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-13 19:55:50 UTC
From: n4aiw@aol.com
Topic: 1965 Message: 1976

hi George, a couple of things, your radio should be as close to ground as possible.
75 ft is way too long. you can buy flat one half to one inch copper strap are braided
copper from several suppliers, try www.aeshams.com. as for the hole drill bit are a nail with a hammer will make a good hole that will work.
my station is next to a window i use some 8 ground from radio shack about 10 ft long
. As for insulation what kind of smoke test do you want.

1977. Re: [icomr75] Ground Wire Type & Gauge

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-13 21:15:14 UTC
From: Moxie3
Topic: 1965 Message: 1977

Maybe I could reduce the length to abut 60 feet; is this still too long? I can go shorter to about 40 feet but the ground will be my house ground which I thought I should stay away from. Also, are you saying to use one half to one inch braided copper strap instead of using wire? Never used copper strap before so please clarify.

George
----- Original Message -----
From: n4aiw@...
To: icomr75@yahoogroups.com
Sent: Saturday, July 13, 2002 2:55 PM
Subject: Re: [icomr75] Ground Wire Type & Gauge

hi George, a couple of things, your radio should be as close to ground as possible.
75 ft is way too long. you can buy flat one half to one inch copper strap are braided
copper from several suppliers, try www.aeshams.com. as for the hole drill bit are a nail with a hammer will make a good hole that will work.
my station is next to a window i use some 8 ground from radio shack about 10 ft long
. As for insulation what kind of smoke test do you want.

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[Non-text portions of this message have been removed]

1978. Re: Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-13 21:06:25 UTC
From: just_rtfm
Topic: 1963 Message: 1978

hi Jack:

i use 50' of wire wrap indoor as an antenna... not really ideal. if you listen to hams/utes what you'll want to do is use dual 2.4 kHz filters and turn the PBT's about one white notch in opposite directions. this will narrow the bandwidth... do more if it is crowded. by moving them in non-standard ways... ex. moving just the inner knob about two spaces to the right... you will adjust tone. the CookBook in the files section has this and many other tips you may find useful.

regards,
phil :)

1979. Re: [icomr75] Re: Speakers

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-13 21:34:40 UTC
From: klodtlarry@aol.com
Topic: 1942 Message: 1979

I agree! A lot cheaper than buying the Icom ones, and just as good. Radio Shack seems to have the sales about every other month or so.

LARRY :-)

[Non-text portions of this message have been removed]

1980. Re: Ground Wire Type & Gauge

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-13 22:22:36 UTC
From: radiohighfreq
Topic: 1965 Message: 1980

George,
.
Ground Rods:
* The more metal in the ground - the better.
* The more dispersed the metal in the ground - the better.
* And, 'independent' ground source from the house electrical ground - is better.
.
Ground Lead-in Wire. (Main/Trunk)
* The 'shorter' the wire - the better.
* The 'larger' the wire - the better.
* Some say the wire should be: 'solid', 'stranded' or 'webbed'
.
Ground Bus Bar/Strap.
Note: These are solid and heavy and usually have several holes with screws to make a firm connection.
* For more than one radio/receiver 'use' an in-the-shack ground bus bar.
* Run your incoming 'main' ground wire to the ground bus bar.
* Run the shortest ground wire 'branches' to each piece of equipment that requires a separate ground connection. (Avoid coax ground loops)
* Run the largest size branch wire for each piece of equipment.
* If needed 'terminate' these branch wires with a 1" wire that fits the individual piece of equipment's ground terminal.
.
R75 Ground 'branch' Wire. (From a Ground Bus Bar/Strap.)
* 'Terminate' the R75 branch wire with a 1" wire (or solid pin) that fits the R75's ground terminal.
* If you do not use the RS-232C Jack on the back of the R75. You can build a ground branch wire with a two terminal lugs about 2" apart at one end. Use a two screws that fit the two mounting post holes of the RS-232C Jack. Attach your two terminal lugs at these dual chassis ground points.
.
As My Daddy use to say... You Are Grounded !
.
~ RHF
.
- - - In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> I've read a couple of posts about using a thick as possible ground wire. But the R75 connection doesn't seem to accept a very heavy gauge wire. I have about a 75 foot run from receiver to ground rod and was thinking about running 16 or 14 gauge copper stranded wire. I know have 16 gauge but it seems pretty thin. Should I try 12 gauge

from the ground rod up to a certain point then switch to 14 or 16
gauge? Also, does it matter if the ground wire is insulated?
>
> George
>
>
> [Non-text portions of this message have been removed]

1981. Re: [icomr75] Ground Wire Type & Gauge

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-14 04:34:52 UTC
From: n4aiw@aol.com
Topic: 1965 Message: 1981

Didn't say this but I should have. The longer the run to ground the more resistant it is to drain off static, it becomes what I call a floating ground. the wider the ground the less resistant.
Yes, braid or wide solid copper.
Cable x-perts half inch 10 gage,rated at 53 amps,59 cents a foot
polyphaser corp. low inductance copper strap comes in 1.5 to 6 inches wide.

1982. Re: [icomr75] Ground Wire Type & Gauge

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-14 11:40:08 UTC
From: Jeff Santee
Topic: 1965 Message: 1982

hi George, a couple of things, your radio should be as close to ground as possible.
75 ft is way too long. you can buy flat one half to one inch copper strap are braided
copper from several suppliers, try www.aeshams.com. as for the hole drill bit are a nail with a hammer will make a good hole that will work.
my station is next to a window i use some 8 ground from radio shack about 10 ft long
==========

You guys are taking this grounding thing way too seriously. Wire is measured in Ohms/1000 ft. #12 wire has 1.59 ohms/1000ft so 75 ft would give .119 ohm.
This would not give you a floating ground. To bleed off static this would be fine.
Your better off paying more attention to the grd rod than the wire size. Depending on soil conditions, a good 8ft grd rod will be a good choice. In the old days people thought they could save their radio equipment from a lightning strike by having massive grd systems, aint gonna happen. I dont care if you use 500MCM copper wire your radio is gonna be toast.

Jeff

[Non-text portions of this message have been removed]

1983. Re: [icomr75] Ground Wire Type & Gauge

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-14 23:02:27 UTC
From: Moxie3
Topic: 1965 Message: 1983

I'm not so concerned about lightning but about grounding the chassis and static build-up.
----- Original Message -----
From: Jeff Santee
To: icomr75@yahoogroups.com
Sent: Sunday, July 14, 2002 6:40 AM
Subject: Re: [icomr75] Ground Wire Type & Gauge

hi George, a couple of things, your radio should be as close to ground as
possible.
75 ft is way too long. you can buy flat one half to one inch copper strap are
braided
copper from several suppliers, try www.aeshams.com. as for the hole drill bit
are a nail with a hammer will make a good hole that will work.
my station is next to a window i use some 8 ground from radio shack about 10
ft long
==========

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Ohms/1000 ft. #12 wire has 1.59 ohms/1000ft so 75 ft would give .119 ohm.
This would not give you a floating ground. To bleed off static this would be fine.
Your better off paying more attention to the grd rod than the wire size. Depending
on soil conditions, a good 8ft grd rod will be a good choice. In the old days people
thought they could save their radio equipment from a lightning strike by having
massive grd systems, aint gonna happen. I dont care if you use 500MCM copper
wire your radio is gonna be toast.

Jeff

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

1984. Re: [icomr75] Ground Wire Type & Gauge

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-14 22:06:37 UTC
From: SP600historian@aol.com
Topic: 1965 Message: 1984

In a message dated 7/14/02 5:02:04 PM, moxie3@... writes:

<< I'm not so concerned about lightning but about grounding the chassis and static build-up. >>

Then run a ground wire from the antenna to ground.

I've been swl and bcb dx'ing since 1957, and have NEVER grounded a receiver. It's one of those legends that won't die. Tried it once, no difference was noted.

Les Locklear
Gulfport, Ms.
SP-600 Historian
http://www.hammarlund.info/

1985. Re: Speakers

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-14 22:20:32 UTC
From: sweeper4u2002
Topic: 1942 Message: 1985

Hi, I looked in the Radio Shack catalog and noticed the RCA speaker mentioned in the other post for $19.95, but the speaker is for computers and other things. Radio Shack does have a speaker for scanners, shortwave, etc. for $14.95. I wonder whether the speaker for shortwave would have better voice sound versus the RCA speaker which may be better for music. Has anyone compared them?

George

--- In icomr75@y..., "jim_hack" <jim_hack@y...> wrote:
> I was using an Audio Source 4" speaker in a black plastic enclosure
> that I picked up at the flea market for $3! It sounded great until
> one of my cats decided it was in her way and knocked it off the
> shelf. The magnet broke loose from the speaker and now it doesn't
> work at all. I saw that R.S. no longer sells their Optimus
speakers.
> I looked at the XTS 50AV but was leery. If you say it
> sounds "fantastic", I'll take your word for it and give it a shot.
> Oh yea, no cats allowed in the "shack"!!!
>
>
>
>
> > I use a speaker that Radio Shack sells. It is a RCA model XTS-
> 50AV.
> > It is inexpensive ($19.99, it is on sale for $14.99 quite
often).
> It
> > is shielded if you want to place it near a crt. It looks good,
the
> > black matches the IC-R75 very well. And it sounds FANTASTIC! It
> > uses a SINGLE 4" driver. You do not want a tweeter for this
> > application. A tweeter will degrade the sound (you hear too much
> > hiss).
> >
> > They are cheap enough, give one a try, I BET YOU WILL LIKE IT!
> >
> > Here is a link for them: http://www.radioshack.com/product.asp?
> > catalog%5Fname=CTLG&category%5Fname=CTLG%5F002%5F006%5F002%
> > 5F000&product%5Fid=40%2D5024
> >
> > My name is Frankie. I have been read only for a while and enjoy
the
> > group. Keep up the good work! Here is my web page if you would
> like

> > to take a look: http://users.chartertn.net/FHUNT/ You will not
see
> > the speakers in the photos. One is behind a mic and another has
> been
> > added to the top shelf. I plan on getting another one when they
go
> > onsale again.
> >
> > Frankie

1986. Re: [icomr75] Ground Wire Type & Gauge

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-14 23:29:06 UTC
From: Moxie3
Topic: 1965 Message: 1986

OK, tell me one last thing. Since I'm using a single wire Radio Shack antenna which connects directly to the spring loaded clip (antenna side) on the back of the R75, where should I connect the ground for the antenna? I am already using the other spring loaded clip for my ground to a cold water pipe.

George
----- Original Message -----
From: SP600historian@...
To: moxie3@... ; icomr75@yahoogroups.com
Sent: Sunday, July 14, 2002 5:06 PM
Subject: Re: [icomr75] Ground Wire Type & Gauge

In a message dated 7/14/02 5:02:04 PM, moxie3@... writes:

<< I'm not so concerned about lightning but about grounding the chassis and static build-up. >>

Then run a ground wire from the antenna to ground.

I've been swl and bcb dx'ing since 1957, and have NEVER grounded a receiver. It's one of those legends that won't die. Tried it once, no difference was noted.

Les Locklear
Gulfport, Ms.
SP-600 Historian
http://www.hammarlund.info/

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[Non-text portions of this message have been removed]

1987. Re: [icomr75] Re: Speakers

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-14 22:32:21 UTC
From: SP600historian@aol.com
Topic: 1942 Message: 1987

In a message dated 7/14/02 5:21:23 PM, moxie3@... writes:

<< Hi, I looked in the Radio Shack catalog and noticed the RCA speaker mentioned in the other post for $19.95, but the speaker is for computers and other things. Radio Shack does have a speaker for scanners, shortwave, etc. for $14.95. I wonder whether the speaker for shortwave would have better voice sound versus the RCA speaker which may be better for music. Has anyone compared them?

George
>>

I bought one of those XTS50AV speakers yesterday, good audio, both for voice and music. Had been using a Pro7 Optimus speaker.....this one has slightly better audio characteristics in my opinion.

Les Locklear
Gulfport, Ms.
SP-600 Historian
http://www.hammarlund.info/

1988. Re: [icomr75] Ground Wire Type & Gauge

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-14 22:39:48 UTC
From: SP600historian@aol.com
Topic: 1965 Message: 1988

In a message dated 7/14/02 5:28:24 PM, moxie3@... writes:

<< OK, tell me one last thing. Since I'm using a single wire Radio Shack antenna which connects directly to the spring loaded clip (antenna side) on the back of the R75, where should I connect the ground for the antenna? I am already using the other spring loaded clip for my ground to a cold water pipe.

George >>

You can do it one of two ways....either get a lightning arrester (universal radio and others) put it at the feed end of your longwire and run a wire from the arrester to a ground rod. Or, do it the econimical way, run a wire near where the longwire is terminated to the insulator closest to the receiver, to a ground rod. But, be aware that not all soild will complete and make a good ground connection. Just installing an 8ft. ground rod and a wire doesn't mean anything in certain cases. dry soil conditions etc. vary. Best to use multiple ground rods. Or, do what thousands of us do and don't worry about it. If you have a static noise problem, a ground won't help.

Les Locklear
Gulfport, Ms.
SP-600 Historian
http://www.hammarlund.info/

1989. Re: [icomr75] Ground Wire Type & Gauge

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-15 00:43:02 UTC
From: Moxie3
Topic: 1965 Message: 1989

Les, does it matter whether the ground wire is bare or insulated?

George
----- Original Message -----
From: SP600historian@...
To: moxie3@... ; icomr75@yahoogroups.com
Sent: Sunday, July 14, 2002 5:39 PM
Subject: Re: [icomr75] Ground Wire Type & Gauge

In a message dated 7/14/02 5:28:24 PM, moxie3@... writes:

<< OK, tell me one last thing. Since I'm using a single wire Radio Shack antenna which connects directly to the spring loaded clip (antenna side) on the back of the R75, where should I connect the ground for the antenna? I am already using the other spring loaded clip for my ground to a cold water pipe.

George >>

You can do it one of two ways....either get a lightning arrester (universal radio and others) put it at the feed end of your longwire and run a wire from the arrester to a ground rod. Or, do it the econimical way, run a wire near where the longwire is terminated to the insulator closest to the receiver, to a ground rod. But, be aware that not all soild will complete and make a good ground connection. Just installing an 8ft. ground rod and a wire doesn't mean anything in certain cases. dry soil conditions etc. vary. Best to use multiple ground rods. Or, do what thousands of us do and don't worry about it. If you have a static noise problem, a ground won't help.

Les Locklear
Gulfport, Ms.
SP-600 Historian
http://www.hammarlund.info/

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[Non-text portions of this message have been removed]

1990. Re: [icomr75] Ground Wire Type & Gauge

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-14 23:49:38 UTC
From: SP600historian@aol.com
Topic: 1965 Message: 1990

In a message dated 7/14/02 6:42:47 PM, moxie3@... writes:

<< Les, does it matter whether the ground wire is bare or insulated?

George >>

No, but if not insulated, try to route it where it isn't touching anything.

Les

1991. RE: [icomr75] Re: Speakers

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-15 00:00:36 UTC
From: Tom Barber
Topic: 1942 Message: 1991

Hello George,

I am using the Minimus-2.5. They are in a wooden enclosure and are magnetically shielded. The sound quality has proven to be excellent over the last 2 years. I have used them during the last 2 field day exercises and you know how crowded the bands are then. The catalog number is 40-1999

Tom - KK7PX
"May All Your Signals Be Rare DX"

-----Original Message-----
From: sweeper4u2002 [mailto:moxie3@...]
Sent: Sunday, July 14, 2002 3:21 PM
To: icomr75@yahoogroups.com
Subject: [icomr75] Re: Speakers

Hi, I looked in the Radio Shack catalog and noticed the RCA speaker mentioned in the other post for $19.95, but the speaker is for computers and other things. Radio Shack does have a speaker for scanners, shortwave, etc. for $14.95. I wonder whether the speaker for shortwave would have better voice sound versus the RCA speaker which may be better for music. Has anyone compared them?

George

--- In icomr75@y..., "jim_hack" <jim_hack@y...> wrote:
> I was using an Audio Source 4" speaker in a black plastic enclosure
> that I picked up at the flea market for $3! It sounded great until
> one of my cats decided it was in her way and knocked it off the
> shelf. The magnet broke loose from the speaker and now it doesn't
> work at all. I saw that R.S. no longer sells their Optimus
speakers.
> I looked at the XTS 50AV but was leery. If you say it
> sounds "fantastic", I'll take your word for it and give it a shot.
> Oh yea, no cats allowed in the "shack"!!!
>
>
>
>
> > I use a speaker that Radio Shack sells. It is a RCA model XTS-
> 50AV.
> > It is inexpensive ($19.99, it is on sale for $14.99 quite
often).
> It
> > is shielded if you want to place it near a crt. It looks good,
the

> > black matches the IC-R75 very well. And it sounds FANTASTIC! It
> > uses a SINGLE 4" driver. You do not want a tweeter for this
> > application. A tweeter will degrade the sound (you hear too much
> > hiss).
> >
> > They are cheap enough, give one a try, I BET YOU WILL LIKE IT!
> >
> > Here is a link for them: http://www.radioshack.com/product.asp?
> > catalog%5Fname=CTLG&category%5Fname=CTLG%5F002%5F006%5F002%
> > 5F000&product%5Fid=40%2D5024
> >
> > My name is Frankie. I have been read only for a while and enjoy
the
> > group. Keep up the good work! Here is my web page if you would
> like
> > to take a look: http://users.chartertn.net/FHUNT/ You will not
see
> > the speakers in the photos. One is behind a mic and another has
> been
> > added to the top shelf. I plan on getting another one when they
go
> > onsale again.
> >
> > Frankie

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[Non-text portions of this message have been removed]

1992. Re: [icomr75] Re: Speakers

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-15 01:49:35 UTC
From: Moxie3
Topic: 1942 Message: 1992

Tom, thanks for the info. I'll check it out tomorrow.

George
----- Original Message -----
From: Tom Barber
To: icomr75@yahoogroups.com
Sent: Sunday, July 14, 2002 7:00 PM
Subject: RE: [icomr75] Re: Speakers

Hello George,

I am using the Minimus-2.5. They are in a wooden enclosure and are
magnetically shielded. The sound quality has proven to be excellent over
the last 2 years. I have used them during the last 2 field day exercises
and you know how crowded the bands are then. The catalog number is 40-1999

Tom - KK7PX
"May All Your Signals Be Rare DX"

-----Original Message-----
From: sweeper4u2002 [mailto:moxie3@...]
Sent: Sunday, July 14, 2002 3:21 PM
To: icomr75@yahoogroups.com
Subject: [icomr75] Re: Speakers

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mentioned in the other post for $19.95, but the speaker is for
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which may be better for music. Has anyone compared them?

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> work at all. I saw that R.S. no longer sells their Optimus
speakers.
> I looked at the XTS 50AV but was leery. If you say it
> sounds "fantastic", I'll take your word for it and give it a shot.
> Oh yea, no cats allowed in the "shack"!!!
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> > black matches the IC-R75 very well. And it sounds FANTASTIC! It
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> > Here is a link for them: http://www.radioshack.com/product.asp?
> > catalog%5Fname=CTLG&category%5Fname=CTLG%5F002%5F006%5F002%
> > 5F000&product%5Fid=40%2D5024
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> > My name is Frankie. I have been read only for a while and enjoy
the
> > group. Keep up the good work! Here is my web page if you would
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> >
> > Frankie

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[Non-text portions of this message have been removed]

1993. Re: [icomr75] Ground Wire Type & Gauge

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-14 22:53:24 UTC
From: Jeff Santee
Topic: 1965 Message: 1993

<< I'm not so concerned about lightning but about grounding the chassis and
static build-up. >>

Then run a ground wire from the antenna to ground.

I've been swl and bcb dx'ing since 1957, and have NEVER grounded a receiver.
It's one of those legends that won't die. Tried it once, no difference was
noted.

Les Locklear
++

Les

I for the most part agree with what you say. I use a longwire with a matching xformer
and coax lead in, and dont even bother with grounding my reciever. I dont get any static
build up on my radio. However if you use just a longwire with a wire lead in, in the winter
with the wind blowing and low humidity you can (depending how long your longwire is)
build up substantial static charge, hundreds or even a few thousand electron volts.
Enough of a build up to knock you a good one when you touch your radio, providing
you are grounded. I only say this cause Ive been there done that. I had a FRG 100
sitting next to an Icom R 100 and the FRG would build up enough of a charge to jump
the gap between the 2 radios. And when I would touch the FRG it would snap me a good
one. It got grounded to the nearest copper water line after that. (with #14 stranded)
Thats one of the main reasons I now use a magnetic longwire balun (matching xformer)
on my rig, plus using coax to the reciver its much quieter with this arrangement, and no
static. I have tried my R 75 with and without a ground and like you, dont notice any
difference. So I suppose you could say depending on what you use for an antenna
makes a difference whether you need a ground or not. My original post was just to
say you dont need large diameter wire and multiple ground rods etc for a decent grd.
If your lucky enough to have copper piping in your house, one of the best grounds
you can have is running a wire to a cold water pipe. You will be in effect hooking up
to perhaps miles of underground pipe.

Jeff

[Non-text portions of this message have been removed]

1994. Re: [icomr75] Ground Wire Type & Gauge

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-15 01:09:19 UTC
From: SP600historian@aol.com
Topic: 1965 Message: 1994

In a message dated 7/14/02 7:57:54 PM, Jeff352@... writes:

<< Les

I for the most part agree with what you say. I use a longwire with a matching xformer
and coax lead in, and dont even bother with grounding my reciever. I dont get any static
build up on my radio. However if you use just a longwire with a wire lead in, in the winter
with the wind blowing and low humidity you can (depending how long your longwire is)
build up substantial static charge, hundreds or even a few thousand electron volts.
Enough of a build up to knock you a good one when you touch your radio, providing
you are grounded. I only say this cause Ive been there done that. I had a FRG 100
sitting next to an Icom R 100 and the FRG would build up enough of a charge to jump
the gap between the 2 radios. And when I would touch the FRG it would snap me a good
one. It got grounded to the nearest copper water line after that. (with #14 stranded)
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static. I have tried my R 75 with and without a ground and like you, dont notice any
difference. So I suppose you could say depending on what you use for an antenna
makes a difference whether you need a ground or not. My original post was just to
say you dont need large diameter wire and multiple ground rods etc for a decent grd.
If your lucky enough to have copper piping in your house, one of the best grounds
you can have is running a wire to a cold water pipe. You will be in effect hooking up
to perhaps miles of underground pipe.

Jeff
>>

I agree with you on this point. But where i live, winter's don't happen.....<grin>

Les Locklear
on the Gulf of mexico

1995. Speakers and grounding

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-15 03:31:38 UTC
From: Jem Cullen
Topic: 1995 Message: 1995

On back to back testing with my TSS440S for audio (thru the same headphones same signal A?B audio switch) The Icom tends to be more "Bassy" and rounded. WHeree the KEnny is more toppy and harsh.
This can make the spoken word txs a bit more distinct on the 440 then the r75, where they can be a bit softer. Also sometimes (especially on ECSS-USB) the audio can "disappear" on the icom, I find detuning .01 or .02 and shifting the passband brings it back.

That said, the icom is much more pleasant for long term listening then the kenwood, the kenwood's harshness seems to bring out all the static and crashes that the icom hides. ALso this is with r75 DSP ON (about 3). turning DSP off brings audio UP to more kenwood like tones.

This is balanced to some extent by the ICom speaker, which is small and shrill to my ears. I got an external speaker on day 1 and have never used the built in speaker (urgh). I use PC multimedia speakers, first from KOSS, which i liked a lot. but now i use Hercules XPS210, which are 5 way sub/sat set up.

I listen to this set up all day! I think the audio is superb! (with DSP on). I really love the icom audio thru decent external speakers. I use it for general local news/talk/music radio and ute/swl/bcl/dxing. For serious dxing i will prob use headphones. MY pk232 seems to decode digital stuff better from the icom then the kenwood, but there aint much in it. (both on std factory IF filters only, no options) and if u think the icom AGC is too fast, you should see the kenwoods -its hyperspeed!

Quick word on grounding. I didnt install a ground system til about 6 month ago. I only have about 5-6 foot copper in the ground, anbnd about a 10 foot run of wire leading to it (so its only half a ground). I used RG8U as my ground lead (shorted both ends so both the centre and the braid carry same current). I connected every bit of equipment in the shack to the ground. I found the difference astonishing. The noise/static/rubbish level dropped dramatically. and weak signals became much easier! Aint that enough reason to put one in?
The PC used to wipe the radio on some freqs. now i can hardly tell when its on (Except for real serious dxing). I imagine there is some static protection and NO lightning protection, but i still disconnect antennas before bed everynight.

just my observations.
73 de Jem
VK2JEM

_____
Chat with friends online, try MSN Messenger: http://messenger.msn.com

1996. Re: [icomr75] Ground Wire Type & Gauge

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-15 07:09:00 UTC
From: Todd Gaine
Topic: 1965 Message: 1996

I have a friend who NEVER stops at stop streets.

Todd

----- Original Message -----
From: SP600historian@...
To: moxie3@... ; icomr75@yahoogroups.com
Sent: Monday, July 15, 2002 12:06 AM
Subject: Re: [icomr75] Ground Wire Type & Gauge

In a message dated 7/14/02 5:02:04 PM, moxie3@... writes:

<< I'm not so concerned about lightning but about grounding the chassis and
static build-up. >>

Then run a ground wire from the antenna to ground.

I've been swl and bcb dx'ing since 1957, and have NEVER grounded a receiver.
It's one of those legends that won't die. Tried it once, no difference was
noted.

Les Locklear
Gulfport, Ms.
SP-600 Historian
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[Non-text portions of this message have been removed]

1997. PL-259 Connector

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-15 19:52:13 UTC
From: xxjavapxx
Topic: 1997 Message: 1997

I played around a little bit with my antenna setup this past weekend. I have been using about 100 feet of bare copper wire as an antenna. Been pretty happy with that wire thrown around my backyard, connected to the high impedance push connector. I purchased some lengths of coax with PL-259 connectors, and borrowed a vertical antenna (with an SO-239 connector) and a dipole (cut for 20 meters, used the center connector on one leg, and the shield going to the other leg) from a ham friend of mine. I have found that if I screw in the PL-259 barrel connector to the SO-239 plug of the R75, I get less signal strength than if I just use the center connector. The difference in signal strength is quite dramatic. The same thing happened with the dipole. I also tried ladder line to both ends of the dipole, to a short length of coax. Same result. The bare wire handily outperformed the coax fed antennas. Can somebody help me sort this out? Why does screwing in the barrel connector result in a signal loss?

Thanks!

1998. Re: New ICR75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-15 21:04:58 UTC
From: kabjkm2002
Topic: 1932 Message: 1998

Thanks for all the resposes to my original post. I've been busy working. To all those who vigorously defend the Icom audio "methinks you protest too much" which means I hit a raw nerve which means I'm right. As such an AM sync mod is not worthwhile.
It is a pretty hot set though. With a 30ft wire in a tree the bands come alive. The first night Kuwait and Zimbabwe were easy catches. Also there is very little background noise even without the DSP. One thing I notice - when I scan up the band manually I need to continually adjust the RF gain - dynamic range could be better. The AM sync seems to work best with RF gain turned down and the sound routed from record out to amplified speakers. Next I plan to hook it up to an 80 meter half square. AB7JK

--- In icomr75@y..., "radiohighfreq" <rhf-mail@u...> wrote:
> --- In icomr75@y..., "singleshare" <singleshare@y...> wrote:
> > >>It seems to me Icom went out of their way to make the lowest
> > fidelity radio they could make. Even on SSB the rig sounds muddy
and
> > dull<<
> >
> > I found that poking a bunch of holes through the speaker with
> > a small screwdriver did wonders.....
> .
> Do you recommend a Phillips or Regular Screw Driver?
> .
> ~ RHF
> .

1999. Re: [icomr75] Re: New ICR75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-15 22:31:46 UTC
From: Moxie3
Topic: 1932 Message: 1999

What is the height of your 30 foot wire? Which way is it facing, north to south?

George
----- Original Message -----
From: kabjkm2002
To: icomr75@yahoogroups.com
Sent: Monday, July 15, 2002 4:04 PM
Subject: [icomr75] Re: New ICR75

Thanks for all the resposes to my original post. I've been busy
working. To all those who vigorously defend the Icom audio "methinks
you protest too much" which means I hit a raw nerve which means I'm
right. As such an AM sync mod is not worthwhile.
It is a pretty hot set though. With a 30ft wire in a tree
the bands come alive. The first night Kuwait and Zimbabwe were easy
catches. Also there is very little background noise even without the
DSP. One thing I notice - when I scan up the band manually I need to
continually adjust the RF gain - dynamic range could be better. The
AM sync seems to work best with RF gain turned down and the sound
routed from record out to amplified speakers. Next I plan to hook it
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> Do you recommend a Phillips or Regular Screw Driver?
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> ~ RHF
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[Non-text portions of this message have been removed]

2000. Re: [icomr75] Re: New ICR75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-15 22:26:19 UTC
From: SP600historian@aol.com
Topic: 1932 Message: 2000

In a message dated 7/15/02 4:06:32 PM, kabjkm2002@... writes:

<< Thanks for all the resposes to my original post. I've been busy working. To all those who vigorously defend the Icom audio "methinks you protest too much" which means I hit a raw nerve which means I'm right. As such an AM sync mod is not worthwhile.
It is a pretty hot set though. With a 30ft wire in a tree the bands come alive. The first night Kuwait and Zimbabwe were easy catches. Also there is very little background noise even without the DSP. One thing I notice - when I scan up the band manually I need to continually adjust the RF gain - dynamic range could be better. The AM sync seems to work best with RF gain turned down and the sound routed from record out to amplified speakers. Next I plan to hook it up to an 80 meter half square. AB7JK

>>

The synchronous detector on my Kiwa modified R-75 works great. I leave the rf gain alone. That's the way it should work.

Just my 2 cents.

Les Locklear
Gulfport, Ms.
SP-600 Historian
http://www.hammarlund.info/

2001. Re: [icomr75] Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-16 13:53:42 UTC
From: Edwin Lowe
Topic: 1963 Message: 2001

>From: "Jack" <haz_ard@...>
>
>Hi all,
>
>Could some kind person please explain the filter setup for the R75?
>
>I have a stock standard unit and im abit confused as to what filters should
>be selected when setting up the filter menu ,also what is the 'Exp on/off'
>feature in the filter menu and what does it do?? ,i hardly listen to any am
>,99% is SSB ,so what settings should be set to what??
>
>Also would i get any improvement by adding more filters and what one's
>would i benifit from for my mode of listening??
>

Hi Jack,

Go to the files section group's website and in the 'information' folder. Jem Cullen has an excellent spreadsheet of all the filter options there. This should give you an idea of what the best settings are for your existing filters and what the best options are for with additional filters for your favourite listening modes.

The EXP ON / OFF function turns on and off your extra optional filters.. ie If you have an extra optional filter, the 'EXP ON' allows you to be able to choose between 2 filters (either 455kHz or 9mHz - you can have a maximum of one extra of each)

I consider that in an otherwise excellent user's manual, the section on filters is very poorly written and took me a while to comprehend. I finally worked it out after a bit of fiddling about.

My set came with a 1.9kHz filter from the previous owner, and I got the 3.3kHz filter extra. So I have a very useful range of filters to suit my interests, BCL DX and entertainment, and voice utillities.

____
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http://www.hotmail.com

2002. Re: [icomr75] Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-16 14:35:52 UTC
From: Jack
Topic: 1963 Message: 2002

Hi Edwin,

Thanks for your helpful info!

I have read the 'Cookbook' and have got all my filter's worked out nicely!!

It's sounding alot better ,also took someones advice and hooked up an
external speaker.....my what a difference that makes!

Thanks for all that helped me out :)

Jack.

----- Original Message -----
From: "Edwin Lowe" <L42A1@...>
To: <icomr75@yahoogroups.com>
Sent: Tuesday, July 16, 2002 11:53 PM
Subject: Re: [icomr75] Question

>
>
>
> >From: "Jack" <haz_ard@...>
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>
> _____
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2003. Re: [icomr75] Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-16 17:44:33 UTC
From: Moxie3
Topic: 1963 Message: 2003

Jack, what kind of speaker did you hook-up?

George
----- Original Message -----
From: Jack
To: icomr75@yahoogroups.com
Sent: Tuesday, July 16, 2002 9:35 AM
Subject: Re: [icomr75] Question

Hi Edwin,

Thanks for your helpful info!

I have read the 'Cookbook' and have got all my filter's worked out nicely!!

It's sounding alot better ,also took someones advice and hooked up an
external speaker.....my what a difference that makes!

Thanks for all that helped me out :)

Jack.

----- Original Message -----
From: "Edwin Lowe" <L42A1@...>
To: <icomr75@yahoogroups.com>
Sent: Tuesday, July 16, 2002 11:53 PM
Subject: Re: [icomr75] Question

>
>
>
> >From: "Jack" <haz_ard@...>
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> My set came with a 1.9kHz filter from the previous owner, and I got the
> 3.3kHz filter extra. So I have a very useful range of filters to suit my
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[Non-text portions of this message have been removed]

2004. Re: [icomr75] Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-17 08:44:29 UTC
From: Edwin Lowe
Topic: 1963 Message: 2004

Hi guys,

I simply used ordinary computer speakers (amplified). If I were a purist, I'd use a good quality communications speaker to reduce any chance of RFI from the speaker's power supply. But for ordinary entertainment listening and every day use, the computer speakers are fine. As someone else said, the comms receivers aren't expected to be HIFI.

If I'm really straining to hear, I use my stereo earphones!

The best SW sound I have ever heard was from my dad's old mid 1960's Sony TR911 transistor SW/MW set. After than, the Kenwood R5000. I kept my R5000 after I picked up the R75. I love the sound quality out of that set.
Edwin

>From: "Moxie3" <moxie3@...>
>Reply-To: icomr75@yahoogroups.com
>To: <icomr75@yahoogroups.com>
>Subject: Re: [icomr75] Question
>Date: Tue, 16 Jul 2002 12:44:33 -0500
>
>Jack, what kind of speaker did you hook-up?
>
>George
> ----- Original Message -----
> From: Jack
> To: icomr75@yahoogroups.com
> Sent: Tuesday, July 16, 2002 9:35 AM
> Subject: Re: [icomr75] Question
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> Hi Edwin,
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> Thanks for your helpful info!
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> I have read the 'Cookbook' and have got all my filter's worked out
>nicely!!
>
> It's sounding alot better ,also took someones advice and hooked up an
> external speaker.....my what a difference that makes!
>
> Thanks for all that helped me out :)
>
> Jack.
>
>

> ----- Original Message -----
> From: "Edwin Lowe" <L42A1@...>
> To: <icomr75@yahoogroups.com>
> Sent: Tuesday, July 16, 2002 11:53 PM
> Subject: Re: [icomr75] Question
>
>
> >
> >
> >
> > > >From: "Jack" <haz_ard@...>
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2005. FL-102 for R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-17 09:16:29 UTC
From: manabu662001
Topic: 2005 Message: 2005

Dear Members,
I purchased the filter FL-102, which has 6kHz width suitable for AM.

Installation of FL-102 to R75 is just easy, no soldering is needed.
But, in the setting mode, the selection must be done in pretext
of "FL-103". The number "102" doesn't exist on the setting mode of
R75.
NOT as FL-100 nor 101, we must choose "103", because when selected as
100 or 101, R75 recognize it as a cw filter, then changes the range
of TWIN-PBT from +/-1.29kHz down to +/-0.258kHz
In the filter set mode, the FL-102 "FL- 103" can be selected as
AM-wide or AM-normal filter in 9MHz IF.
It is displayed as "2.8" on R75' LCD panel.
I set filters equipped with R75 in the following ways

For AM-Normal (Middle)
6.0kHz/6dB FL-102 in 9MHz IF, and 6.0kHz CFWS450HT in 450kHz IF.
For SSB-Wide:
6.0kHz/6dB FL-102 in 9MHz IF, 3.3kHz FL-257 in 455kHz IF
Full 3.,3kHz bandwidth available, this is good for SSB reception.
But, as to the ECSS reception via SSB,(we call "beat-zero" in Japan)
the sound is somewhat fluttering.

They are out of rules explained in R75's manual. But the fidelity and
selectivity of FL-102 6kHz-filter is satisfactory for listening.
Therefore, my IC-R75 acts like old IC-R70, which is equipped with FL-
102(or other equivalent) in 9MHz IF.

Unfortunately there is only one slot available for 9MHz IF filter.
So, I detached already installed FL-103 2.8kHz filter.
I also prefer FL-103. The combination of FL-103 and FL-257 is very
suitable for ECSS reception. It is more sufficient for SSB-Wide than
that of FL-272 and FL-257.
With some detaching and soldering, replacing FL-272 to FL-103 is
possible. But I cannot determine yet.
Still more unfortunately, the FL-102 is now discontinued, Nominally
this filter is an option for IC-775DX2. They are also discontinued. .
I found FL-102 unexpectedly. I thank God.

Manabu Doi, a SWL in Okayama Japan

2006. Re: [icomr75] Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-17 11:16:14 UTC
From: Jack
Topic: 1963 Message: 2006

Hi George,

As far as i know its an 8ohm Stereo Speaker ,its off my old stereo system and its not amplified ,i have got a small pair of JS Amplified Computer speakers that i am going to try next ,would these sound better hooked to the speaker out on the R75 or are they better run of the rec jack?? ,the speaker i have on it at the moment is connected via the speaker out jack.

Jack.
----- Original Message -----
From: Moxie3
To: icomr75@yahoogroups.com
Sent: Wednesday, July 17, 2002 3:44 AM
Subject: Re: [icomr75] Question

Jack, what kind of speaker did you hook-up?

George
----- Original Message -----
From: Jack
To: icomr75@yahoogroups.com
Sent: Tuesday, July 16, 2002 9:35 AM
Subject: Re: [icomr75] Question

Hi Edwin,

Thanks for your helpful info!

I have read the 'Cookbook' and have got all my filter's worked out nicely!!

It's sounding alot better ,also took someones advice and hooked up an external speaker.....my what a difference that makes!

Thanks for all that helped me out :)

Jack.

----- Original Message -----
From: "Edwin Lowe" <L42A1@...>
To: <icomr75@yahoogroups.com>
Sent: Tuesday, July 16, 2002 11:53 PM
Subject: Re: [icomr75] Question

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> >From: "Jack" <haz_ard@...>
> >

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2007. Re: [icomr75] Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-17 16:58:37 UTC
From: Moxie3
Topic: 1963 Message: 2007

Edwin,

When I tried my Koss amplified speakers, I had to place the volume control on the speaker to max level to hear normal sound. And the volume control on the receiver did not affect the volume on the Koss speakers. Also, since the receiver isn't stereo, I got sound from only 1 speaker. Is this the way your amplified speakers are working?

George
----- Original Message -----
From: Edwin Lowe
To: icomr75@yahoogroups.com
Sent: Wednesday, July 17, 2002 3:44 AM
Subject: Re: [icomr75] Question

Hi guys,

I simply used ordinary computer speakers (amplified). If I were a purist, I'd use a good quality communications speaker to reduce any chance of RFI from the speaker's power supply. But for ordinary entertainment listening and every day use, the computer speakers are fine. As someone else said, the comms receivers aren't expected to be HIFI.

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Edwin

>From: "Moxie3" <moxie3@...>
>Reply-To: icomr75@yahoogroups.com
>To: <icomr75@yahoogroups.com>
>Subject: Re: [icomr75] Question
>Date: Tue, 16 Jul 2002 12:44:33 -0500
>
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> To: icomr75@yahoogroups.com
> Sent: Tuesday, July 16, 2002 9:35 AM
> Subject: Re: [icomr75] Question
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> ----- Original Message -----
> From: "Edwin Lowe" <L42A1@...>
> To: <icomr75@yahoogroups.com>
> Sent: Tuesday, July 16, 2002 11:53 PM
> Subject: Re: [icomr75] Question
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2008. Re: [icomr75] Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-17 17:03:36 UTC
From: Moxie3
Topic: 1963 Message: 2008

Jack,

My understanding is that amplified speakers should be connected to the "rec" jack. I haven't had very good sound from my Koss amplified speakers but others have. So you have to try and see whether you like the sound.

George
----- Original Message -----
From: Jack
To: icomr75@yahoogroups.com
Sent: Wednesday, July 17, 2002 6:16 AM
Subject: Re: [icomr75] Question

Hi George,

As far as i know its an 8ohm Stereo Speaker ,its off my old stereo system and its not amplified ,i have got a small pair of JS Amplified Computer speakers that i am going to try next ,would these sound better hooked to the speaker out on the R75 or are they better run of the rec jack?? ,the speaker i have on it at the moment is connected via the speaker out jack.

Jack.
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From: Moxie3
To: icomr75@yahoogroups.com
Sent: Wednesday, July 17, 2002 3:44 AM
Subject: Re: [icomr75] Question

Jack, what kind of speaker did you hook-up?

George
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From: Jack
To: icomr75@yahoogroups.com
Sent: Tuesday, July 16, 2002 9:35 AM
Subject: Re: [icomr75] Question

Hi Edwin,

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Thanks for all that helped me out :)

Jack.

----- Original Message -----
From: "Edwin Lowe" <L42A1@...>
To: <icomr75@yahoogroups.com>
Sent: Tuesday, July 16, 2002 11:53 PM
Subject: Re: [icomr75] Question

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2009. Re: Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-17 17:47:17 UTC
From: radiohighfreq
Topic: 1963 Message: 2009

Being My Normal Butt-In-Sky :o)
Here is my two cents worth.
When you use your Two Koss Speakers connected to the 'REC' output on the rear of the R75. You need to use a 1/8" Mono-to-Stereo Adapter between the R75 and the Koos Speakers. This will give you a mono input for both stereo channels of the Koss Amplifier and drive both speakers equally.
.
Mono-A-Mono ~ RHF
.
- - - In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
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> To: icomr75@y...
> Sent: Wednesday, July 17, 2002 3:44 AM
> Subject: Re: [icomr75] Question
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> >From: "Moxie3" <moxie3@e...>
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> >To: <icomr75@y...>
> >Subject: Re: [icomr75] Question
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> > > favourite listening modes.
> > >
> > > The EXP ON / OFF function turns on and off your extra
optional
> >filters..
> > ie
> > > If you have an extra optional filter, the 'EXP ON' allows
you to be
> >able
> > to
> > > choose between 2 filters (either 455kHz or 9mHz - you can
have a

> >maximum
> > of
> > > one extra of each)
> > >
> > > I consider that in an otherwise excellent user's manual, the
section
> >on
> > > filters is very poorly written and took me a while to
comprehend. I
> > finally
> > > worked it out after a bit of fiddling about.
> > >
> > > My set came with a 1.9kHz filter from the previous owner,
and I got
> >the
> > > 3.3kHz filter extra. So I have a very useful range of
filters to suit
> >my
> > > interests, BCL DX and entertainment, and voice utillities.
> > >
> > >

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>
> [Non-text portions of this message have been removed]

2010. Re: [icomr75] Re: Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-17 21:30:18 UTC
From: Moxie3
Topic: 1963 Message: 2010

Edwin,

You are absolutely right, but for some reason, even with the mono to stereo plug, still no luck. Setting my volume to the highest point on the speakers is like volume being at a number 4 on a 10 point scale. Maybe my plug is bad or the speakers are bad. I'll try another mono to stereo plug and see what happens. Thanks

George

----- Original Message -----
From: radiohighfreq
To: icomr75@yahoogroups.com
Sent: Wednesday, July 17, 2002 12:47 PM
Subject: [icomr75] Re: Question

Being My Normal Butt-In-Sky :o)
Here is my two cents worth.
When you use your Two Koss Speakers connected to the 'REC' output on the rear of the R75. You need to use a 1/8" Mono-to-Stereo Adapter between the R75 and the Koos Speakers. This will give you a mono input for both stereo channels of the Koss Amplifier and drive both speakers equally.
.
Mono-A-Mono ~ RHF
.
- - - In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Edwin,
>
> When I tried my Koss amplified speakers, I had to place the volume control on the speaker to max level to hear normal sound. And the volume control on the receiver did not affect the volume on the Koss speakers. Also, since the receiver isn't stereo, I got sound from only 1 speaker. Is this the way your amplified speakers are working?
>
> George
> ----- Original Message -----
> From: Edwin Lowe
> To: icomr75@y...
> Sent: Wednesday, July 17, 2002 3:44 AM
> Subject: Re: [icomr75] Question
>
>
> Hi guys,
>
> I simply used ordinary computer speakers (amplified). If I were a purist,

> I'd use a good quality communications speaker to reduce any chance
of RFI
> from the speaker's power supply. But for ordinary entertainment
listening
> and every day use, the computer speakers are fine. As someone
else said,
> the comms receivers aren't expected to be HIFI.
>
> If I'm really straining to hear, I use my stereo earphones!
>
> The best SW sound I have ever heard was from my dad's old mid
1960's Sony
> TR911 transistor SW/MW set. After than, the Kenwood R5000. I
kept my R5000
> after I picked up the R75. I love the sound quality out of that
set.
> Edwin
>
>
> >From: "Moxie3" <moxie3@e...>
> >Reply-To: icomr75@y...
> >To: <icomr75@y...>
> >Subject: Re: [icomr75] Question
> >Date: Tue, 16 Jul 2002 12:44:33 -0500
> >
> >Jack, what kind of speaker did you hook-up?
> >
> >George
> > ----- Original Message -----
> > From: Jack
> > To: icomr75@y...
> > Sent: Tuesday, July 16, 2002 9:35 AM
> > Subject: Re: [icomr75] Question
> >
> >
> > Hi Edwin,
> >
> > Thanks for your helpful info!
> >
> > I have read the 'Cookbook' and have got all my filter's worked
out
> >nicely!!
> >
> > It's sounding alot better ,also took someones advice and
hooked up an
> > external speaker.....my what a difference that makes!
> >
> > Thanks for all that helped me out :)
> >
> > Jack.

> >
> >
> > ----- Original Message -----
> > From: "Edwin Lowe" <L42A1@h...>
> > To: <icomr75@y...>
> > Sent: Tuesday, July 16, 2002 11:53 PM
> > Subject: Re: [icomr75] Question
> >
> >
> > >
> > >
> > >
> > > >From: "Jack" <haz_ard@s...>
> > > >
> > > >Hi all,
> > > >
> > > >Could some kind person please explain the filter setup for
the R75?
> > > >
> > > >I have a stock standard unit and im abit confused as to
what filters
> > should
> > > >be selected when setting up the filter menu ,also what is
the 'Exp
> > on/off'
> > > >feature in the filter menu and what does it do?? ,i hardly
listen to
> >any
> > am
> > > >,99% is SSB ,so what settings should be set to what??
> > > >
> > > >Also would i get any improvement by adding more filters and
what
> >one's
> > > >would i benifit from for my mode of listening??
> > > >
> > >
> > > Hi Jack,
> > >
> > > Go to the files section group's website and in the
'information'
> >folder.
> > Jem
> > > Cullen has an excellent spreadsheet of all the filter
options there.
> >This
> > > should give you an idea of what the best settings are for
your
> >existing
> > > filters and what the best options are for with additional

filters for
> >your
> > > favourite listening modes.
> > >
> > > The EXP ON / OFF function turns on and off your extra
optional
> >filters..
> > ie
> > > If you have an extra optional filter, the 'EXP ON' allows
you to be
> >able
> > to
> > > choose between 2 filters (either 455kHz or 9mHz - you can
have a
> >maximum
> > of
> > > one extra of each)
> > >
> > > I consider that in an otherwise excellent user's manual, the
section
> >on
> > > filters is very poorly written and took me a while to
comprehend. I
> > finally
> > > worked it out after a bit of fiddling about.
> > >
> > > My set came with a 1.9kHz filter from the previous owner,
and I got
> >the
> > > 3.3kHz filter extra. So I have a very useful range of
filters to suit
> >my
> > > interests, BCL DX and entertainment, and voice utillities.
> > >
> > >

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> >[Non-text portions of this message have been removed]
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>
> _____
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2011. Re: The speaker subject

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-17 19:47:45 UTC
From: Ubbe
Topic: 2011 Message: 2011

I've tested a bunch of speakers of different types including active ones and also run the audio throught the soundcard of my PC. And my opinion are that with a strong signal that are noise free, almost all speaker types sounds different but all have good audio quality, if the speaker isn't broken or damaged.

But when the signal level drops and the audio begins to sink into the noise floor, then you really begin to skilja agnarna fr?n vetet.

The best external speaker I've heard that makes the voice more readable and filters out most of the noise, are the Motorola small lunch box speakers. Sadly they are discontinued now and have been replaced with a similar looking type that have a ribbed plastic front instead of a metal mesh front. I managed to snag a couple of speakers before they where out of stock, and there are several part numbers for them, the only difference being the type of connector used, SSN4005A being the type I have. The new speakers have a terrible audio that only enhance the noise and not the voice.

But the old speakers still doesn't beat the performance of the internal speakers of Pro-2042 and DX394 that are absolutly superb for monitoring voice audio with noisy signals.

Ubbe.

2012. UT-106 Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-17 21:47:49 UTC
From: Moxie3
Topic: 2012 Message: 2012

Yippeeee, just received my DSP, but the instructions that came with the unit refers to IC-706MKII and the IC-PCR1000. For those of you who received the DSP, did you not receive instructions for the R75? I realize that there are instructions in our owner's manual but ....

George

[Non-text portions of this message have been removed]

2013. Re: [icomr75] Re: The speaker subject

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-17 21:51:24 UTC
From: Moxie3
Topic: 2011 Message: 2013

I did see a speaker advertised for shortwave and was digital to suppress noise. I'll have to try and locate them and get more info. Have you tried the Icom speaker?

George
----- Original Message -----
From: Ubbe
To: icomr75@yahoogroups.com
Sent: Wednesday, July 17, 2002 2:47 PM
Subject: [icomr75] Re: The speaker subject

I've tested a bunch of speakers of different types including
active ones and also run the audio throught the soundcard of
my PC. And my opinion are that with a strong signal that are
noise free, almost all speaker types sounds different but all
have good audio quality, if the speaker isn't broken or damaged.

But when the signal level drops and the audio begins to sink into
the noise floor, then you really begin to skilja agnarna från vetet.

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readable and filters out most of the noise, are the Motorola small
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part numbers for them, the only difference being the type of
connector used, SSN4005A being the type I have. The new speakers
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But the old speakers still doesn't beat the performance of the
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Ubbe.

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2014. Re: UT-106 Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-17 20:48:21 UTC
From: Ubbe
Topic: 2012 Message: 2014

No instructions for the R75, but it is a straighforward job to connect it.

-----Original Message-----
From: "Moxie3" <moxie3@...>
To: <icomr75@yahoogroups.com>
Date: Wed, 17 Jul 2002 16:47:49 -0500
Subject: [icomr75] UT-106 Installation

Yippeeee, just received my DSP, but the instructions that came with the unit refers to IC-706MKII and the IC-PCR1000. For those of you who received the DSP, did you not receive instructions for the R75? I realize that there are instructions in our owner's manual but ....

George

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2015. Re: The speaker subject

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-17 20:50:52 UTC
From: Ubbe
Topic: 2011 Message: 2015

I've not tried the Icom, but another specialized SWL speaker which I think was for
a Kenwood. It was expensive but did not impress me. The M speaker where better.

Ubbe.

-----Original Message-----
From: "Moxie3" <moxie3@earthlink.net>
To: <icomr75@yahoogroups.com>
Date: Wed, 17 Jul 2002 16:51:24 -0500
Subject: Re: [icomr75] Re: The speaker subject

I did see a speaker advertised for shortwave and was digital to suppress noise. I'll have
to try and locate them and get more info. Have you tried the Icom speaker?

George
----- Original Message -----
From: Ubbe
To: icomr75@yahoogroups.com
Sent: Wednesday, July 17, 2002 2:47 PM
Subject: [icomr75] Re: The speaker subject

I've tested a bunch of speakers of different types including
active ones and also run the audio throught the soundcard of
my PC. And my opinion are that with a strong signal that are
noise free, almost all speaker types sounds different but all
have good audio quality, if the speaker isn't broken or damaged.

But when the signal level drops and the audio begins to sink into
the noise floor, then you really begin to skilja agnarna från vetet.

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readable and filters out most of the noise, are the Motorola small
lunch box speakers. Sadly they are discontinued now and have been
replaced with a similar looking type that have a ribbed plastic
front instead of a metal mesh front. I managed to snag a couple
of speakers before they where out of stock, and there are several
part numbers for them, the only difference being the type of
connector used, SSN4005A being the type I have. The new speakers
have a terrible audio that only enhance the noise and not the voice.

But the old speakers still doesn't beat the performance of the
internal speakers of Pro-2042 and DX394 that are absolutly superb
for monitoring voice audio with noisy signals.

Ubbe.

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2016. Re: [icomr75] Re: UT-106 Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-17 22:09:23 UTC
From: Moxie3
Topic: 2012 Message: 2016

Help! Instructions in manual states to remove "shielding plate". What does this look like and where is it? The diagram doesn't seem to show the plate.

George
----- Original Message -----
From: Ubbe
To: icomr75@yahoogroups.com
Sent: Wednesday, July 17, 2002 3:48 PM
Subject: [icomr75] Re: UT-106 Installation

No instructions for the R75, but it is a straighforward job to connect it.

-----Original Message-----
From: "Moxie3" <moxie3@...>
To: <icomr75@yahoogroups.com>
Date: Wed, 17 Jul 2002 16:47:49 -0500
Subject: [icomr75] UT-106 Installation

Yippeeee, just received my DSP, but the instructions that came with the unit refers to IC-706MKII and the IC-PCR1000. For those of you who received the DSP, did you not receive instructions for the R75? I realize that there are instructions in our owner's manual but ....

George

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2017. Re: [icomr75] Re: UT-106 Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-17 22:24:32 UTC
From: Moxie3
Topic: 2012 Message: 2017

Is the shielding plate chrome and on the side of the receiver, near the DSP-106 space, and held by 2 screws?
----- Original Message -----
From: Ubbe
To: icomr75@yahoogroups.com
Sent: Wednesday, July 17, 2002 3:48 PM
Subject: [icomr75] Re: UT-106 Installation

No instructions for the R75, but it is a straighforward job to connect it.

-----Original Message-----
From: "Moxie3" <moxie3@...>
To: <icomr75@yahoogroups.com>
Date: Wed, 17 Jul 2002 16:47:49 -0500
Subject: [icomr75] UT-106 Installation

Yippeeee, just received my DSP, but the instructions that came with the unit refers to IC-706MKII and the IC-PCR1000. For those of you who received the DSP, did you not receive instructions for the R75? I realize that there are instructions in our owner's manual but ....

George

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[Non-text portions of this message have been removed]

2018. Re[2]: [icomr75] Re: UT-106 Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-17 21:35:44 UTC
From: Marv Loopstra
Topic: 2012 Message: 2018

Hello Moxie3,

Wednesday, July 17, 2002, 3:24:32 PM, you wrote:

M> Is the shielding plate chrome and on the side of the receiver, near the DSP-106 space, and held by 2 screws?

That would be it ......
--
Best regards,
Marv mailto:bizjetmech@...

2019. Re: Re[2]: [icomr75] Re: UT-106 Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-17 22:56:01 UTC
From: Moxie3
Topic: 2012 Message: 2019

Marv, since I last wrote, I had assumed that the shielding plate is the metal part under the unit, seen by taking the bottom receiver cover off, not on the side. I took this part off thinking it was the shielding plate. That chrome plate on the side I mentioned is 5 inches long and flat. Please confirm which plate. Thanks,

George
----- Original Message -----
From: Marv Loopstra
To: Moxie3
Sent: Wednesday, July 17, 2002 4:35 PM
Subject: Re[2]: [icomr75] Re: UT-106 Installation

Hello Moxie3,

Wednesday, July 17, 2002, 3:24:32 PM, you wrote:

M> Is the shielding plate chrome and on the side of the receiver, near the DSP-106 space, and held by 2 screws?

That would be it ......
--
Best regards,
Marv mailto:bizjetmech@...

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[Non-text portions of this message have been removed]

2020. Re[4]: [icomr75] Re: UT-106 Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-17 22:02:50 UTC
From: Marv Loopstra
Topic: 2012 Message: 2020

Hello Moxie3,

Wednesday, July 17, 2002, 3:56:01 PM, you wrote:

M> Marv, since I last wrote, I had assumed that the shielding plate is the metal part under the unit, seen by taking the bottom receiver cover off, not on the side. I took this part off thinking it
M> was the shielding plate. That chrome plate on the side I mentioned is 5 inches long and flat. Please confirm which plate. Thanks,

I don't recall that it is that long but I do seem to remember that it
is under the bottom cover and looks like the picture in the manual.
The plugs are also evident.
I think you are on the right track

2021. Re: Re[4]: [icomr75] Re: UT-106 Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-17 23:12:47 UTC
From: Moxie3
Topic: 2012 Message: 2021

Thanks, now what about the insulating cover. There are no instructions for it in our manual but there is in the instruction sheet for the other models. I guess we disregard the insulating cover?
----- Original Message -----
From: Marv Loopstra
To: Moxie3
Sent: Wednesday, July 17, 2002 5:02 PM
Subject: Re[4]: [icomr75] Re: UT-106 Installation

Hello Moxie3,

Wednesday, July 17, 2002, 3:56:01 PM, you wrote:

M> Marv, since I last wrote, I had assumed that the shielding plate is the metal part under the unit, seen by taking the bottom receiver cover off, not on the side. I took this part off thinking it
M> was the shielding plate. That chrome plate on the side I mentioned is 5 inches long and flat. Please confirm which plate. Thanks,

I don't recall that it is that long but I do seem to remember that it
is under the bottom cover and looks like the picture in the manual.
The plugs are also evident.
I think you are on the right track

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2022. Re[6]: [icomr75] Re: UT-106 Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-17 22:15:06 UTC
From: Marv Loopstra
Topic: 2012 Message: 2022

I used it on my pcr1k but not on the r-75.
Looks like you are about done !
Marv

2023. Re: Re[6]: [icomr75] Re: UT-106 Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-17 23:36:08 UTC
From: Moxie3
Topic: 2012 Message: 2023

I went ahead and used the insulating cover. With the insulating cover in place, the unit was snug in its fit within the cover, so I didn't use the velcro tape. You think it's ok as is? Couldn't figure where the heck to place the velcro. I started it up and it works fine.
----- Original Message -----
From: Marv Loopstra
To: Moxie3
Sent: Wednesday, July 17, 2002 5:15 PM
Subject: Re[6]: [icomr75] Re: UT-106 Installation

I used it on my pcr1k but not on the r-75.
Looks like you are about done !
Marv

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2024. Re[8]: [icomr75] Re: UT-106 Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-17 22:37:15 UTC
From: Marv Loopstra
Topic: 2012 Message: 2024

should be ok. You'll love the DSP on the R75!
My onl;y concern using the sleeve is heat but the pcr1k seems to be
hotter than the r75 so it probably is not a problem.
--
Best regards,
Marv mailto:bizjetmech@...

2025. Re: UT-106 Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-17 22:59:46 UTC
From: jim_hack
Topic: 2012 Message: 2025

It would be the ONLY removable plate on the bottom side of the radio.

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Help! Instructions in manual states to remove "shielding plate".
What does this look like and where is it? The diagram doesn't seem
to show the plate.
>
> George
> ----- Original Message -----
> From: Ubbe
> To: icomr75@y...
> Sent: Wednesday, July 17, 2002 3:48 PM
> Subject: [icomr75] Re: UT-106 Installation
>
>
> No instructions for the R75, but it is a straighforward job to
connect it.
>
> -----Original Message-----
> From: "Moxie3" <moxie3@e...>
> To: <icomr75@y...>
> Date: Wed, 17 Jul 2002 16:47:49 -0500
> Subject: [icomr75] UT-106 Installation
>
> Yippeeee, just received my DSP, but the instructions that came
with the unit refers to IC-706MKII and the IC-PCR1000. For those of
you who received the DSP, did you not receive instructions for the
R75? I realize that there are instructions in our owner's manual
but ....
>
> George
>
>
> [Non-text portions of this message have been removed]
>
>
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> icomr75-unsubscribe@e...
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>
> [Non-text portions of this message have been removed]

2026. Re: [icomr75] UT-106 Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-17 23:00:44 UTC
From: efricha@dimensional.com
Topic: 2012 Message: 2026

>
> Yippeeee, just received my DSP, but the instructions that came with the
> unit refers to IC-706MKII and the IC-PCR1000. For those of you who
> received the DSP, did you not receive instructions for the R75? I
> realize that there are instructions in our owner's manual but ....
>
> George
>
>

Use the ones in the R-75 manual -- I believe it explicitly says this
there as well.

The UT-106 predates the R-75, which is why the instructions are broken
down the way they are. And, yes, you will have "leftover" pieces intended
for the other radios.

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2027. Re: Re[8]: [icomr75] Re: UT-106 Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-17 23:05:45 UTC
From: efricha@dimensional.com
Topic: 2012 Message: 2027

>
> should be ok. You'll love the DSP on the R75!
> My onl;y concern using the sleeve is heat but the pcr1k seems to be
> hotter than the r75 so it probably is not a problem.
> --
> Best regards,
> Marv mailto:bizjetmech@...
>

The sleeve isn't used on the R-75 -- only on the PCR-1000.

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2028. Re: [icomr75] Re: UT-106 Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-18 01:40:53 UTC
From: Moxie3
Topic: 2012 Message: 2028

Jim, I wish the instructions would have indicated that the shield is located on the bottom of the unit. So be it. Thanks,

George
----- Original Message -----
From: jim_hack
To: icomr75@yahoogroups.com
Sent: Wednesday, July 17, 2002 5:59 PM
Subject: [icomr75] Re: UT-106 Installation

It would be the ONLY removable plate on the bottom side of the radio.

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Help! Instructions in manual states to remove "shielding plate".
What does this look like and where is it? The diagram doesn't seem
to show the plate.
>
> George
> ----- Original Message -----
> From: Ubbe
> To: icomr75@y...
> Sent: Wednesday, July 17, 2002 3:48 PM
> Subject: [icomr75] Re: UT-106 Installation
>
>
> No instructions for the R75, but it is a straighforward job to
connect it.
>
> -----Original Message-----
> From: "Moxie3" <moxie3@e...>
> To: <icomr75@y...>
> Date: Wed, 17 Jul 2002 16:47:49 -0500
> Subject: [icomr75] UT-106 Installation
>
> Yippeeee, just received my DSP, but the instructions that came
with the unit refers to IC-706MKII and the IC-PCR1000. For those of
you who received the DSP, did you not receive instructions for the
R75? I realize that there are instructions in our owner's manual
but ....
>
> George
>
>
> [Non-text portions of this message have been removed]
>
>

>
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[Non-text portions of this message have been removed]

2029. Avice

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-18 00:40:28 UTC
From: Jack
Topic: 2029 Message: 2029

Hi all,

I am re-doing all my antenna's this weekend ,moving them further away from the house.

I am going to bury my coaxial cable under the ground and im wanting to know do i have to put the cable in PVC tubing or can i just bury the coax as it is? ,at the present time all my antenna feed points are close to the house as i was always led to beleive that the shorter the run of coax from antenna to receiver was better ,however i have since read that this may not be the case and that the closer the feed point to the house the more likely it is that interference from the house wiring could get into the setup causing lots of interference?

Before i go ahead and and move everything i would like to hear some comments on my intended plans ,antenna's going up will be an inverted 'L' (about 40ft length ,20ft above ground) ,inverted 'V' (about 26ft length ,18ft above ground) and an end fed Longwire (about 26ft length 18ft above ground),the only balun used will be a 1:1 on the inverted 'V' ,Should i use baluns on the other 2 antenna's aswell? ,coaxial cable used will be RG-58cu/Milspec ,will this cable be adequate or should i go with the heavier gauge RG-213? ,are there any plans to easily build baluns as the one im using on the 'V' was purchased for $75 and i would prefer to build than buy!!!

Thanks in advance,

Jack.

[Non-text portions of this message have been removed]

2030. Re: [icomr75] UT-106 Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-18 01:46:36 UTC
From: Moxie3
Topic: 2012 Message: 2030

Eric,

Evidently I had a choice of using the insulating sleeve or the velcro tape; I went with the sleeve because I thought that the manual predated the manufacturing of the DSP/sleeve. I wish Icom would have included instructions with the unit as I know the manual is a few years old. Thanks,

P.S. Finally received the ICE catalog and wanted to ask you a question but I forgot what it was. I'll get back to you later.
George
----- Original Message -----
From: efricha@...
To: icomr75@yahoogroups.com
Cc: Eric F. Richards
Sent: Wednesday, July 17, 2002 6:00 PM
Subject: Re: [icomr75] UT-106 Installation

>
> Yippeeee, just received my DSP, but the instructions that came with the
> unit refers to IC-706MKII and the IC-PCR1000. For those of you who
> received the DSP, did you not receive instructions for the R75? I
> realize that there are instructions in our owner's manual but ....
>
> George
>
>

Use the ones in the R-75 manual -- I believe it explicitly says this
there as well.

The UT-106 predates the R-75, which is why the instructions are broken
down the way they are. And, yes, you will have "leftover" pieces intended
for the other radios.

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

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[Non-text portions of this message have been removed]

2031. Re: The Speaker Subject

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-18 02:45:08 UTC
From: radiohighfreq
Topic: 2011 Message: 2031

Ubbe, George and All,
.
I have been using a Kenwood SP-430 Speaker with the R75 and it did out perform the R75's internal speaker across the board: normal voice, weak signals, music, and at high volume. But it cost me $100+ on eBay to have a matching speaker for my Kenwood R-5000. However , the SP-430 does not match the R75 - Sounds Great! But... No So Pretty.
.
I have been reading the posts recently in the eGroup about 'speakers' and decided that I would give the RCA Speaker that some of the members have written about. Went to the local Radio Shack store and asked for Catelog Number 40-5024: RCA 20 Watt Full Range Mini-Speaker; 5" Cube; Body & Grille are Black. Comes in a RCA Yellow and Black 6" Cube Shaped Box. Here is a Link to the Radio Shack WebPage for this Speaker.
http://www.radioshack.com/product.asp?catalog%5Fname=CTLG&category%5Fname=CTLG%5F002%5F006%5F002%5F000&product%5Fid=40%2D5024
.
Side-by-Side Tests of the three speakers: R75 -v- SP-430 -v- RCA 40-5024.
I M H O - The RCA Speaker is the Winner Hands Down - Period.
Be It Listening To: Normal Voice, Weak Signals, Music, or at High Volume.
* Voice is Crisper and Fuller Sounding at Low and High Volume Levels.
* Better then the SP-430 with weak signals.
* Best Sounding for Music.
* And Oh Yes... It Looks So Pretty next to the R75.
At 'Only' $20 this RCA Speaker is a Keeper !
.
~ RHF
.
- - - In icomr75@y..., Ubbe <urban@h...> wrote:
> I've not tried the Icom, but another specialized SWL speaker which I think was for
> a Kenwood. It was expensive but did not impress me. The M speaker where better.
>
> Ubbe.
>
> -----Original Message-----
> From: "Moxie3" <moxie3@e...>
> To: <icomr75@y...>
> Date: Wed, 17 Jul 2002 16:51:24 -0500
> Subject: Re: [icomr75] Re: The speaker subject
>

> I did see a speaker advertised for shortwave and was digital to
suppress noise. I'll have to try and locate them and get more info.
Have you tried the Icom speaker?
>
> George
> ----- Original Message -----
> From: Ubbe
> To: icomr75@y...
> Sent: Wednesday, July 17, 2002 2:47 PM
> Subject: [icomr75] Re: The speaker subject
>
>
> I've tested a bunch of speakers of different types including
> active ones and also run the audio throught the soundcard of
> my PC. And my opinion are that with a strong signal that are
> noise free, almost all speaker types sounds different but all
> have good audio quality, if the speaker isn't broken or damaged.
>
> But when the signal level drops and the audio begins to sink into
> the noise floor, then you really begin to skilja agnarna från
vetet.
>
> The best external speaker I've heard that makes the voice more
> readable and filters out most of the noise, are the Motorola small
> lunch box speakers. Sadly they are discontinued now and have been
> replaced with a similar looking type that have a ribbed plastic
> front instead of a metal mesh front. I managed to snag a couple
> of speakers before they where out of stock, and there are several
> part numbers for them, the only difference being the type of
> connector used, SSN4005A being the type I have. The new speakers
> have a terrible audio that only enhance the noise and not the
voice.
>
> But the old speakers still doesn't beat the performance of the
> internal speakers of Pro-2042 and DX394 that are absolutly superb
> for monitoring voice audio with noisy signals.
>
> Ubbe.
>
>
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2032. Re: UT-106 Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-18 04:11:25 UTC
From: jim_hack
Topic: 2012 Message: 2032

Just looked over the instructions again.
It IS pretty vague, isn't it? Hope you got it all figured out and
are enjoying it by now. It CAN make an intelligible signal out of an
otherwise muddy bunch of noise.

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Jim, I wish the instructions would have indicated that the shield
is located on the bottom of the unit. So be it. Thanks,
>
> George
> ----- Original Message -----
> From: jim_hack
> To: icomr75@y...
> Sent: Wednesday, July 17, 2002 5:59 PM
> Subject: [icomr75] Re: UT-106 Installation
>
>
> It would be the ONLY removable plate on the bottom side of the
radio.
>
>
> --- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> > Help! Instructions in manual states to remove "shielding
plate".
> What does this look like and where is it? The diagram doesn't
seem
> to show the plate.
> >
> > George
> > ----- Original Message -----
> > From: Ubbe
> > To: icomr75@y...
> > Sent: Wednesday, July 17, 2002 3:48 PM
> > Subject: [icomr75] Re: UT-106 Installation
> >
> >
> > No instructions for the R75, but it is a straighforward job
to
> connect it.
> >
> > -----Original Message-----
> > From: "Moxie3" <moxie3@e...>
> > To: <icomr75@y...>
> > Date: Wed, 17 Jul 2002 16:47:49 -0500
> > Subject: [icomr75] UT-106 Installation

> >
> > Yippeeee, just received my DSP, but the instructions that
came
> with the unit refers to IC-706MKII and the IC-PCR1000. For those
of
> you who received the DSP, did you not receive instructions for
the
> R75? I realize that there are instructions in our owner's manual
> but ....
> >
> > George
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
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> [Non-text portions of this message have been removed]

2033. Re: [icomr75] Avice

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-18 12:27:30 UTC
From: Lew Chapman
Topic: 2029 Message: 2033

Greetings from South Australia.
With my inverted V end fed, I use a 9-1 balun . home brewed from john bryants notes
to be found at (I would try a google search under Fabricating Impedence Transformers for receiving Antennas)
Godd Luck & cheers
Lew Chapman
Moana Beach
South OZ
At 10:40 AM 7/18/02 +1000, you wrote:
> Hi all,
>
> I am re-doing all my antenna's this weekend ,moving them further away from
>the house.
>
> I am going to bury my coaxial cable under the ground and im wanting to
>know do i have to put the cable in PVC tubing or can i just bury the coax
>as it is? ,at the present time all my antenna feed points are close to the
>house as i was always led to beleive that the shorter the run of coax from
>antenna to receiver was better ,however i have since read that this may not
>be the case and that the closer the feed point to the house the more likely
>it is that interference from the house wiring could get into the setup
>causing lots of interference?
>
> ,inverted 'V' (about 26ft length ,18ft above ground) and an end fed
>Longwire (about 26ft length 18ft above ground),the only balun used will be
>a 1:1 on the inverted 'V' ,Should i use baluns on the other 2 antenna's
>aswell? ,coaxial cable used will be RG-58cu/Milspec ,will this cable be
>adequate or should i go with the heavier gauge RG-213? ,are there any plans
>to easily build baluns as the one im using on the 'V' was purchased for $75
>and i would prefer to build than buy!!!
>
> Thanks in advance,
>
> Jack.
>
>
> [Non-text portions of this message have been removed]
>
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2034. Re: [icomr75] Re: UT-106 Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-18 13:33:44 UTC
From: Moxie3
Topic: 2012 Message: 2034

Jim,

I had to read the instructions in our manual and look at the diagrams shown in the instructions. I may have to remove the insulating cover and use the tape. Do you remember where you placed the tape? I can't determine where to place it from the diagram.

George
----- Original Message -----
From: jim_hack
To: icomr75@yahoogroups.com
Sent: Wednesday, July 17, 2002 11:11 PM
Subject: [icomr75] Re: UT-106 Installation

Just looked over the instructions again.
It IS pretty vague, isn't it? Hope you got it all figured out and
are enjoying it by now. It CAN make an intelligible signal out of an
otherwise muddy bunch of noise.

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Jim, I wish the instructions would have indicated that the shield
is located on the bottom of the unit. So be it. Thanks,
>
> George
> ----- Original Message -----
> From: jim_hack
> To: icomr75@y...
> Sent: Wednesday, July 17, 2002 5:59 PM
> Subject: [icomr75] Re: UT-106 Installation
>
>
> It would be the ONLY removable plate on the bottom side of the
radio.
>
>
> --- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> > Help! Instructions in manual states to remove "shielding
plate".
> What does this look like and where is it? The diagram doesn't
seem
> to show the plate.
> >
> > George
> > ----- Original Message -----
> > From: Ubbe
> > To: icomr75@y...
> > Sent: Wednesday, July 17, 2002 3:48 PM

> > Subject: [icomr75] Re: UT-106 Installation
> >
> >
> > No instructions for the R75, but it is a straighforward job
to
> connect it.
> >
> > -----Original Message-----
> > From: "Moxie3" <moxie3@e...>
> > To: <icomr75@y...>
> > Date: Wed, 17 Jul 2002 16:47:49 -0500
> > Subject: [icomr75] UT-106 Installation
> >
> > Yippeeee, just received my DSP, but the instructions that
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> with the unit refers to IC-706MKII and the IC-PCR1000. For those
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> you who received the DSP, did you not receive instructions for
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> R75? I realize that there are instructions in our owner's manual
> but ....
> >
> > George
> >
> >
> > [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

2035. Re: [icomr75] Re: The Speaker Subject

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-18 13:37:20 UTC
From: Moxie3
Topic: 2011 Message: 2035

RHF, thank you for the test comparison. I'm on my way to get one.
----- Original Message -----
From: radiohighfreq
To: icomr75@...m
Sent: Wednesday, July 17, 2002 9:45 PM
Subject: [icomr75] Re: The Speaker Subject

Ubbe, George and All,
.
I have been using a Kenwood SP-430 Speaker with the R75 and it did out perform the R75's internal speaker across the board: normal voice, weak signals, music, and at high volume. But it cost me $100+ on eBay to have a matching speaker for my Kenwood R-5000. However , the SP-430 does not match the R75 - Sounds Great! But... No So Pretty.
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I have been reading the posts recently in the eGroup about 'speakers' and decided that I would give the RCA Speaker that some of the members have written about. Went to the local Radio Shack store and asked for Catelog Number 40-5024: RCA 20 Watt Full Range Mini-Speaker; 5" Cube; Body & Grille are Black. Comes in a RCA Yellow and Black 6" Cube Shaped Box. Here is a Link to the Radio Shack WebPage for this Speaker.
http://www.radioshack.com/product.asp?catalog%5Fname=CTLG&category%5Fname=CTLG%5F002%5F006%5F002%5F000&product%5Fid=40%2D5024
.
Side-by-Side Tests of the three speakers: R75 -v- SP-430 -v- RCA 40-5024.
I M H O - The RCA Speaker is the Winner Hands Down - Period.
Be It Listening To: Normal Voice, Weak Signals, Music, or at High Volume.
* Voice is Crisper and Fuller Sounding at Low and High Volume Levels.
* Better then the SP-430 with weak signals.
* Best Sounding for Music.
* And Oh Yes... It Looks So Pretty next to the R75.
At 'Only' $20 this RCA Speaker is a Keeper !
.
~ RHF
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- - - In icomr75@y..., Ubbe <urban@h...> wrote:
> I've not tried the Icom, but another specialized SWL speaker which I think was for
> a Kenwood. It was expensive but did not impress me. The M speaker where better.
>
> Ubbe.

>
> -----Original Message-----
> From: "Moxie3" <moxie3@e...>
> To: <icomr75@y...>
> Date: Wed, 17 Jul 2002 16:51:24 -0500
> Subject: Re: [icomr75] Re: The speaker subject
>
> I did see a speaker advertised for shortwave and was digital to
suppress noise. I'll have to try and locate them and get more info.
Have you tried the Icom speaker?
>
> George
> ----- Original Message -----
> From: Ubbe
> To: icomr75@y...
> Sent: Wednesday, July 17, 2002 2:47 PM
> Subject: [icomr75] Re: The speaker subject
>
>
> I've tested a bunch of speakers of different types including
> active ones and also run the audio throught the soundcard of
> my PC. And my opinion are that with a strong signal that are
> noise free, almost all speaker types sounds different but all
> have good audio quality, if the speaker isn't broken or damaged.
>
> But when the signal level drops and the audio begins to sink into
> the noise floor, then you really begin to skilja agnarna från
vetet.
>
> The best external speaker I've heard that makes the voice more
> readable and filters out most of the noise, are the Motorola small
> lunch box speakers. Sadly they are discontinued now and have been
> replaced with a similar looking type that have a ribbed plastic
> front instead of a metal mesh front. I managed to snag a couple
> of speakers before they where out of stock, and there are several
> part numbers for them, the only difference being the type of
> connector used, SSN4005A being the type I have. The new speakers
> have a terrible audio that only enhance the noise and not the
voice.
>
> But the old speakers still doesn't beat the performance of the
> internal speakers of Pro-2042 and DX394 that are absolutly superb
> for monitoring voice audio with noisy signals.
>
> Ubbe.
>
>
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[Non-text portions of this message have been removed]

2036. Re: UT-106 Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-18 14:38:22 UTC
From: Ubbe
Topic: 2012 Message: 2036

I don't remember the installation being tricky in any way. I could only stick the card to one place using the velcro tape, if the cabling would be routed the most logical way. That leather pouch could not be used and the instruction specifically informs that it is solely for protecting when installing in one of the units which I belive where the PCR1000.

Most people seem to praise it's noise reducing capability, but I find it useless as the amount of noise reduction are exactly linked with the amount of distorsion added to the voice audio. I´ve never found the NR to make any voices step out of the noise and make them more intelligable regardless of any setting of the DSP. And I think I know why. My excellent external speaker already have such an efficient way of reducing noise and enhance voices that the DSP cannot improve anything to it. But the function of the automatic notch filter are really helpful and that alone makes the DSP worth having.

Ubbe.

-----Original Message-----
From: "Moxie3" <moxie3@...>
To: <icomr75@yahoogroups.com>
Date: Thu, 18 Jul 2002 08:33:44 -0500
Subject: Re: [icomr75] Re: UT-106 Installation

Jim,

I had to read the instructions in our manual and look at the diagrams shown in the instructions. I may have to remove the insulating cover and use the tape. Do you remember where you placed the tape? I can't determine where to place it from the diagram.

George
----- Original Message -----
From: jim_hack
To: icomr75@yahoogroups.com
Sent: Wednesday, July 17, 2002 11:11 PM
Subject: [icomr75] Re: UT-106 Installation

Just looked over the instructions again.
It IS pretty vague, isn't it? Hope you got it all figured out and
are enjoying it by now. It CAN make an intelligible signal out of an
otherwise muddy bunch of noise.

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Jim, I wish the instructions would have indicated that the shield
is located on the bottom of the unit. So be it. Thanks,
>
> George
> ----- Original Message -----
> From: jim_hack
> To: icomr75@y...

> Sent: Wednesday, July 17, 2002 5:59 PM
> Subject: [icomr75] Re: UT-106 Installation
>
>
> It would be the ONLY removable plate on the bottom side of the
radio.
>
>
> --- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> > Help! Instructions in manual states to remove "shielding
plate".
> What does this look like and where is it? The diagram doesn't
seem
> to show the plate.
> >
> > George
> > ----- Original Message -----
> > From: Ubbe
> > To: icomr75@y...
> > Sent: Wednesday, July 17, 2002 3:48 PM
> > Subject: [icomr75] Re: UT-106 Installation
> >
> >
> > No instructions for the R75, but it is a straighforward job
to
> connect it.
> >
> > -----Original Message-----
> > From: "Moxie3" <moxie3@e...>
> > To: <icomr75@y...>
> > Date: Wed, 17 Jul 2002 16:47:49 -0500
> > Subject: [icomr75] UT-106 Installation
> >
> > Yippeeee, just received my DSP, but the instructions that
came
> with the unit refers to IC-706MKII and the IC-PCR1000. For those
of
> you who received the DSP, did you not receive instructions for
the
> R75? I realize that there are instructions in our owner's manual
> but ....
> >
> > George

2037. Re: UT-106 Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-18 15:06:17 UTC
From: jim_hack
Topic: 2012 Message: 2037

I stuck the tape to the underside of the DSP then carefully placed
the unit where it goes (not THAT critical) and stuck it to the
chassis. As long as it ends up under the shield plate...

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
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>
> I had to read the instructions in our manual and look at the
diagrams shown in the instructions. I may have to remove the
insulating cover and use the tape. Do you remember where you placed
the tape? I can't determine where to place it from the diagram.
>
> George
> ----- Original Message -----
> From: jim_hack
> To: icomr75@y...
> Sent: Wednesday, July 17, 2002 11:11 PM
> Subject: [icomr75] Re: UT-106 Installation
>
>
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> It IS pretty vague, isn't it? Hope you got it all figured out
and
> are enjoying it by now. It CAN make an intelligible signal out of
an
> otherwise muddy bunch of noise.
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shield
> is located on the bottom of the unit. So be it. Thanks,
> >
> > George
> > ----- Original Message -----
> > From: jim_hack
> > To: icomr75@y...
> > Sent: Wednesday, July 17, 2002 5:59 PM
> > Subject: [icomr75] Re: UT-106 Installation
> >
> >
> > It would be the ONLY removable plate on the bottom side of
the
> radio.
> >

> >
> > --- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
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> plate".
> > What does this look like and where is it? The diagram
doesn't
> seem
> > to show the plate.
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> > > ----- Original Message -----
> > > From: Ubbe
> > > To: icomr75@y...
> > > Sent: Wednesday, July 17, 2002 3:48 PM
> > > Subject: [icomr75] Re: UT-106 Installation
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> > >
> > > No instructions for the R75, but it is a straighforward
job
> to
> > connect it.
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> > > -----Original Message-----
> > > From: "Moxie3" <moxie3@e...>
> > > To: <icomr75@y...>
> > > Date: Wed, 17 Jul 2002 16:47:49 -0500
> > > Subject: [icomr75] UT-106 Installation
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> came
> > with the unit refers to IC-706MKII and the IC-PCR1000. For
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> of
> > you who received the DSP, did you not receive instructions
for
> the
> > R75? I realize that there are instructions in our owner's
manual
> > but ....
> > >
> > > George
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
> > > To unsubscribe from this group, send an email to:
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> > >
> > >
> > > Your use of Yahoo! Groups is subject to
> > http://docs.yahoo.com/info/terms/
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> > >
> > >
> > >
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> > > Yahoo! Groups Sponsor
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>
>
>
> [Non-text portions of this message have been removed]

2038. Re: UT-106 Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-18 15:09:35 UTC
From: jim_hack
Topic: 2012 Message: 2038

I also was refering more to the ANF than the NR in making the signal more readable.

--- In icomr75@y..., Ubbe <urban@h...> wrote:
> I don't remember the installation being tricky in any way. I could only stick the card to one place using the velcro tape, if the cabling would be routed the most logical way. That leather pouch could not be used and the instruction specifically informs that it is solely for protecting when installing in one of the units which I belive where the PCR1000.
>
> Most people seem to praise it's noise reducing capability, but I find it useless as the amount of noise reduction are exactly linked with the amount of distorsion added to the voice audio. I´ve never found the NR to make any voices step out of the noise and make them more intelligable regardless of any setting of the DSP. And I think I know why. My excellent external speaker already have such an efficient way of reducing noise and enhance voices that the DSP cannot improve anything to it. But the function of the automatic notch filter are really helpful and that alone makes the DSP worth having.
>
> Ubbe.
>
> -----Original Message-----
> From: "Moxie3" <moxie3@e...>
> To: <icomr75@y...>
> Date: Thu, 18 Jul 2002 08:33:44 -0500
> Subject: Re: [icomr75] Re: UT-106 Installation
>
> Jim,
>
> I had to read the instructions in our manual and look at the diagrams shown in the instructions. I may have to remove the insulating cover and use the tape. Do you remember where you placed the tape? I can't determine where to place it from the diagram.
>
> George
> ----- Original Message -----
> From: jim_hack
> To: icomr75@y...
> Sent: Wednesday, July 17, 2002 11:11 PM
> Subject: [icomr75] Re: UT-106 Installation
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> It IS pretty vague, isn't it? Hope you got it all figured out
and
> are enjoying it by now. It CAN make an intelligible signal out of
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> otherwise muddy bunch of noise.
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> > > From: "Moxie3" <moxie3@e...>
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> of
> > you who received the DSP, did you not receive instructions
for
> the
> > R75? I realize that there are instructions in our owner's
manual
> > but ....
> > >
> > > George

2039. Re: [icomr75] Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-18 15:13:04 UTC
From: Edwin Lowe
Topic: 1963 Message: 2039

George,

I purchased a mono to stereo adapter and connect the speakers to the jack through that. My receiver volume control works just fine throught the amplified speakers. Perhaps it might have something to do with the mono jack / stereo plug configuration? It might change if you used the adapter - well, I'm just speculating here.

Edwin

>When I tried my Koss amplified speakers, I had to place the volume control
>on the speaker to max level to hear normal sound. And the volume control
>on the receiver did not affect the volume on the Koss speakers. Also,
>since the receiver isn't stereo, I got sound from only 1 speaker. Is this
>the way your amplified speakers are working?
>
>George
> ----- Original Message -----
> From: Edwin Lowe
> To: icomr75@yahoogroups.com
> Sent: Wednesday, July 17, 2002 3:44 AM
> Subject: Re: [icomr75] Question
>
>
> Hi guys,
>
> I simply used ordinary computer speakers (amplified). If I were a
>purist,
> I'd use a good quality communications speaker to reduce any chance of
>RFI
> from the speaker's power supply. But for ordinary entertainment
>listening
> and every day use, the computer speakers are fine. As someone else
>said,
> the comms receivers aren't expected to be HIFI.
>
> If I'm really straining to hear, I use my stereo earphones!
>
> The best SW sound I have ever heard was from my dad's old mid 1960's
>Sony
> TR911 transistor SW/MW set. After than, the Kenwood R5000. I kept my
>R5000
> after I picked up the R75. I love the sound quality out of that set.
> Edwin
>
>

> >From: "Moxie3" <moxie3@...>
> >Reply-To: icomr75@yahoogroups.com
> >To: <icomr75@yahoogroups.com>
> >Subject: Re: [icomr75] Question
> >Date: Tue, 16 Jul 2002 12:44:33 -0500
> >
> >Jack, what kind of speaker did you hook-up?
> >
> >George
> > ----- Original Message -----
> > From: Jack
> > To: icomr75@yahoogroups.com
> > Sent: Tuesday, July 16, 2002 9:35 AM
> > Subject: Re: [icomr75] Question
> >
> >
> > Hi Edwin,
> >
> > Thanks for your helpful info!
> >
> > I have read the 'Cookbook' and have got all my filter's worked out
> >nicely!!
> >
> > It's sounding alot better ,also took someones advice and hooked up
>an
> > external speaker.....my what a difference that makes!
> >
> > Thanks for all that helped me out :)
> >
> > Jack.
> >
> >
> > ----- Original Message -----
> > From: "Edwin Lowe" <L42A1@...>
> > To: <icomr75@yahoogroups.com>
> > Sent: Tuesday, July 16, 2002 11:53 PM
> > Subject: Re: [icomr75] Question
> >
> >
> > >
> > >
> > >
> > >From: "Jack" <haz_ard@...>
> > >
> > >Hi all,
> > >
> > >Could some kind person please explain the filter setup for the
>R75?
> > >
> > >I have a stock standard unit and im abit confused as to what

>filters
> > should
> > > >be selected when setting up the filter menu ,also what is the
>'Exp
> > on/off'
> > > >feature in the filter menu and what does it do?? ,i hardly listen
>to
> >any
> > am
> > > >,99% is SSB ,so what settings should be set to what??
> > > >
> > > >Also would i get any improvement by adding more filters and what
> >one's
> > > >would i benifit from for my mode of listening??
> > > >
> > >
> > > Hi Jack,
> > >
> > > Go to the files section group's website and in the 'information'
> >folder.
> > Jem
> > > Cullen has an excellent spreadsheet of all the filter options
>there.
> >This
> > > should give you an idea of what the best settings are for your
> >existing
> > > filters and what the best options are for with additional filters
>for
> >your
> > > favourite listening modes.
> > >
> > > The EXP ON / OFF function turns on and off your extra optional
> >filters..
> > ie
> > > If you have an extra optional filter, the 'EXP ON' allows you to
>be
> >able
> > to
> > > choose between 2 filters (either 455kHz or 9mHz - you can have a
> >maximum
> > of
> > > one extra of each)
> > >
> > > I consider that in an otherwise excellent user's manual, the
>section
> >on
> > > filters is very poorly written and took me a while to comprehend.
>I
> > finally
> > > worked it out after a bit of fiddling about.

> > >
> > > My set came with a 1.9kHz filter from the previous owner, and I
>got
> >the
> > > 3.3kHz filter extra. So I have a very useful range of filters to
>suit
> >my
> > > interests, BCL DX and entertainment, and voice utillities.
> > >
> > > _____
> > > Join the world's largest e-mail service with MSN Hotmail.
> > > http://www.hotmail.com
> > >
> > >
> > >
> > > To unsubscribe from this group, send an email to:
> > > icomr75-unsubscribe@egroups.com
> > >
> > >
> > >
> > > Your use of Yahoo! Groups is subject to
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> >
> >
> >[Non-text portions of this message have been removed]
> >
>
>
>
>
> _____
> MSN Photos is the easiest way to share and print your photos:

> http://photos.msn.com/support/worldwide.aspx
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2040. Re: [icomr75] Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-18 15:19:20 UTC
From: Edwin Lowe
Topic: 1963 Message: 2040

George,

Further with your amplifed speaker problem. Did you have the same effect when it was connected to the speaker line out? I have my speakers connected to speaker out and it is fine as I said previously. My Record jack is attached to either a tape recorder or the computer line in,if I'm using any PC based decoders. It's a good arrangment.

Edwin

>Jack,
>
>My understanding is that amplified speakers should be connected to the
>"rec" jack. I haven't had very good sound from my Koss amplified speakers
>but others have. So you have to try and see whether you like the sound.
>
>George
> ----- Original Message -----
> From: Jack
> To: icomr75@yahoogroups.com
> Sent: Wednesday, July 17, 2002 6:16 AM
> Subject: Re: [icomr75] Question
>
>
> Hi George,
>
> As far as i know its an 8ohm Stereo Speaker ,its off my old stereo
>system and its not amplified ,i have got a small pair of JS Amplified
>Computer speakers that i am going to try next ,would these sound better
>hooked to the speaker out on the R75 or are they better run of the rec
>jack?? ,the speaker i have on it at the moment is connected via the speaker
>out jack.
>
> Jack.
> ----- Original Message -----
> From: Moxie3
> To: icomr75@yahoogroups.com
> Sent: Wednesday, July 17, 2002 3:44 AM
> Subject: Re: [icomr75] Question
>
>
> Jack, what kind of speaker did you hook-up?
>
> George
> ----- Original Message -----
> From: Jack

> To: icomr75@yahoogroups.com
> Sent: Tuesday, July 16, 2002 9:35 AM
> Subject: Re: [icomr75] Question
>
>
> Hi Edwin,
>
> Thanks for your helpful info!
>
> I have read the 'Cookbook' and have got all my filter's worked out
>nicely!!
>
> It's sounding alot better ,also took someones advice and hooked up
>an
> external speaker.....my what a difference that makes!
>
> Thanks for all that helped me out :)
>
> Jack.
>
>
> ----- Original Message -----
> From: "Edwin Lowe" <L42A1@...>
> To: <icomr75@yahoogroups.com>
> Sent: Tuesday, July 16, 2002 11:53 PM
> Subject: Re: [icomr75] Question
>
>
> >
> >
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> > >From: "Jack" <haz_ard@...>
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> > The EXP ON / OFF function turns on and off your extra optional
>filters..
> ie
> > If you have an extra optional filter, the 'EXP ON' allows you to
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> > choose between 2 filters (either 455kHz or 9mHz - you can have a
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>[Non-text portions of this message have been removed]
>

_____
Send and receive Hotmail on your mobile device: http://mobile.msn.com

2041. Re: [icomr75] Re: UT-106 Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-18 19:52:12 UTC
From: Moxie3
Topic: 2012 Message: 2041

I'll remove the sleeve and do it right. Thanks,

George
----- Original Message -----
From: jim_hack
To: icomr75@yahoogroups.com
Sent: Thursday, July 18, 2002 10:06 AM
Subject: [icomr75] Re: UT-106 Installation

I stuck the tape to the underside of the DSP then carefully placed
the unit where it goes (not THAT critical) and stuck it to the
chassis. As long as it ends up under the shield plate...

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Jim,
>
> I had to read the instructions in our manual and look at the
diagrams shown in the instructions. I may have to remove the
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> > Sent: Wednesday, July 17, 2002 5:59 PM
> > Subject: [icomr75] Re: UT-106 Installation
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> >
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> > > To: icomr75@y...
> > > Sent: Wednesday, July 17, 2002 3:48 PM
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> > > -----Original Message-----
> > > From: "Moxie3" <moxie3@e...>
> > > To: <icomr75@y...>
> > > Date: Wed, 17 Jul 2002 16:47:49 -0500
> > > Subject: [icomr75] UT-106 Installation
> > >
> > > Yippeeee, just received my DSP, but the instructions that
> came
> > with the unit refers to IC-706MKII and the IC-PCR1000. For
those
> of
> > you who received the DSP, did you not receive instructions
for
> the
> > R75? I realize that there are instructions in our owner's
manual
> > but ....
> > >
> > > George
> > >

> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
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[Non-text portions of this message have been removed]

2042. Re: [icomr75] Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-18 19:55:56 UTC
From: Moxie3
Topic: 1963 Message: 2042

No, didn't try the speaker output jack, just the rec output. I thought that amplified speakers were supposed to be connected to the "rec" connection so I didn't try the "speaker" connection. I didn't want to hurt anything, if that is possible.

George
----- Original Message -----
From: Edwin Lowe
To: icomr75@yahoogroups.com
Sent: Thursday, July 18, 2002 10:19 AM
Subject: Re: [icomr75] Question

George,

Further with your amplifed speaker problem. Did you have the same effect when it was connected to the speaker line out? I have my speakers connected to speaker out and it is fine as I said previously. My Record jack is attached to either a tape recorder or the computer line in,if I'm using any PC based decoders. It's a good arrangment.

Edwin

>Jack,
>
>My understanding is that amplified speakers should be connected to the
>"rec" jack. I haven't had very good sound from my Koss amplified speakers
>but others have. So you have to try and see whether you like the sound.
>
>George
> ----- Original Message -----
> From: Jack
> To: icomr75@yahoogroups.com
> Sent: Wednesday, July 17, 2002 6:16 AM
> Subject: Re: [icomr75] Question
>
>
> Hi George,
>
> As far as i know its an 8ohm Stereo Speaker ,its off my old stereo
>system and its not amplified ,i have got a small pair of JS Amplified
>Computer speakers that i am going to try next ,would these sound better
>hooked to the speaker out on the R75 or are they better run of the rec
>jack?? ,the speaker i have on it at the moment is connected via the speaker
>out jack.
>
> Jack.
> ----- Original Message -----

> From: Moxie3
> To: icomr75@yahoogroups.com
> Sent: Wednesday, July 17, 2002 3:44 AM
> Subject: Re: [icomr75] Question
>
>
> Jack, what kind of speaker did you hook-up?
>
> George
> ----- Original Message -----
> From: Jack
> To: icomr75@yahoogroups.com
> Sent: Tuesday, July 16, 2002 9:35 AM
> Subject: Re: [icomr75] Question
>
>
> Hi Edwin,
>
> Thanks for your helpful info!
>
> I have read the 'Cookbook' and have got all my filter's worked out
>nicely!!
>
> It's sounding alot better ,also took someones advice and hooked up
>an
> external speaker.....my what a difference that makes!
>
> Thanks for all that helped me out :)
>
> Jack.
>
>
> ----- Original Message -----
> From: "Edwin Lowe" <L42A1@...>
> To: <icomr75@yahoogroups.com>
> Sent: Tuesday, July 16, 2002 11:53 PM
> Subject: Re: [icomr75] Question
>
>
> >
> >
> >
> > >From: "Jack" <haz_ard@...>
> > >
> > >Hi all,
> > >
> > >Could some kind person please explain the filter setup for the
>R75?
> > >
> > >I have a stock standard unit and im abit confused as to what

>filters
> should
> > >be selected when setting up the filter menu ,also what is the
>'Exp
> on/off'
> > >feature in the filter menu and what does it do?? ,i hardly listen
>to any
> am
> > >,99% is SSB ,so what settings should be set to what??
> > >
> > >Also would i get any improvement by adding more filters and what
>one's
> > >would i benifit from for my mode of listening??
> > >
> >
> > Hi Jack,
> >
> > Go to the files section group's website and in the 'information'
>folder.
> Jem
> > Cullen has an excellent spreadsheet of all the filter options
>there. This
> > should give you an idea of what the best settings are for your
>existing
> > filters and what the best options are for with additional filters
>for your
> > favourite listening modes.
> >
> > The EXP ON / OFF function turns on and off your extra optional
>filters..
> ie
> > If you have an extra optional filter, the 'EXP ON' allows you to
>be able
> to
> > choose between 2 filters (either 455kHz or 9mHz - you can have a
>maximum
> of
> > one extra of each)
> >
> > I consider that in an otherwise excellent user's manual, the
>section on
> > filters is very poorly written and took me a while to comprehend.
>I
> finally
> > worked it out after a bit of fiddling about.
> >
> > My set came with a 1.9kHz filter from the previous owner, and I
>got the
> > 3.3kHz filter extra. So I have a very useful range of filters to
>suit my

> > interests, BCL DX and entertainment, and voice utillities.
> >
> > _____
> > Join the world's largest e-mail service with MSN Hotmail.
> > http://www.hotmail.com
> >
> >
> >
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>
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2043. Re: [icomr75] Re: UT-106 Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-18 20:20:56 UTC
From: Moxie3
Topic: 2012 Message: 2043

Ubbe, which speaker did you say you use?

George
----- Original Message -----
From: Ubbe
To: icomr75@yahoogroups.com
Sent: Thursday, July 18, 2002 9:38 AM
Subject: [icomr75] Re: UT-106 Installation

I don't remember the installation being tricky in any way. I could only stick the card to one place using the velcro tape, if the cabling would be routed the most logical way. That leather pouch could not be used and the instruction specifically informs that it is solely for protecting when installing in one of the units which I belive where the PCR1000.

Most people seem to praise it's noise reducing capability, but I find it useless as the amount of noise reduction are exactly linked with the amount of distorsion added to the voice audio. I´ve never found the NR to make any voices step out of the noise and make them more intelligable regardless of any setting of the DSP. And I think I know why. My excellent external speaker already have such an efficient way of reducing noise and enhance voices that the DSP cannot improve anything to it. But the function of the automatic notch filter are really helpful and that alone makes the DSP worth having.

Ubbe.

-----Original Message-----
From: "Moxie3" <moxie3@...>
To: <icomr75@yahoogroups.com>
Date: Thu, 18 Jul 2002 08:33:44 -0500
Subject: Re: [icomr75] Re: UT-106 Installation

Jim,

I had to read the instructions in our manual and look at the diagrams shown in the instructions. I may have to remove the insulating cover and use the tape. Do you remember where you placed the tape? I can't determine where to place it from the diagram.

George
----- Original Message -----
From: jim_hack
To: icomr75@yahoogroups.com
Sent: Wednesday, July 17, 2002 11:11 PM
Subject: [icomr75] Re: UT-106 Installation

Just looked over the instructions again.
It IS pretty vague, isn't it? Hope you got it all figured out and
are enjoying it by now. It CAN make an intelligible signal out of an
otherwise muddy bunch of noise.

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Jim, I wish the instructions would have indicated that the shield
is located on the bottom of the unit. So be it. Thanks,
>
> George
> ----- Original Message -----
> From: jim_hack
> To: icomr75@y...
> Sent: Wednesday, July 17, 2002 5:59 PM
> Subject: [icomr75] Re: UT-106 Installation
>
>
> It would be the ONLY removable plate on the bottom side of the
radio.
>
>
> --- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> > Help! Instructions in manual states to remove "shielding
plate".
> What does this look like and where is it? The diagram doesn't
seem
> to show the plate.
> >
> > George
> > ----- Original Message -----
> > From: Ubbe
> > To: icomr75@y...
> > Sent: Wednesday, July 17, 2002 3:48 PM
> > Subject: [icomr75] Re: UT-106 Installation
> >
> >
> > No instructions for the R75, but it is a straighforward job
to
> connect it.
> >
> > -----Original Message-----
> > From: "Moxie3" <moxie3@e...>
> > To: <icomr75@y...>
> > Date: Wed, 17 Jul 2002 16:47:49 -0500
> > Subject: [icomr75] UT-106 Installation
> >
> > Yippeeee, just received my DSP, but the instructions that
came
> with the unit refers to IC-706MKII and the IC-PCR1000. For those
of
> you who received the DSP, did you not receive instructions for
the
> R75? I realize that there are instructions in our owner's manual
> but ....
> >
> > George

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2044. Re: UT-106 Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-18 20:16:44 UTC
From: Ubbe
Topic: 2012 Message: 2044

It's a Motorola speaker that where used as a hands free LS with
car phones and also for a bunch of different Radius 2-ways mobiles.
You can no longer get it from M as it where cancelled a year or
so back. I managed to get hold of a couple of second hand ones.

I got a bigger M speaker, as well as several different 2-way and
"special" scanner speakers, but no one manage to reduce noise and
enhance voices in such a remarkable way as that small M speaker.

Ubbe.

Moxie3 wrote:
>
> Ubbe, which speaker did you say you use?
>
> George
> ----- Original Message -----
> From: Ubbe
> To: icomr75@yahoogroups.com
> Sent: Thursday, July 18, 2002 9:38 AM
> Subject: [icomr75] Re: UT-106 Installation
>
> Most people seem to praise it's noise reducing capability, but I
> find it useless as the amount of noise reduction are exactly linked
> with he amount of distorsion added to the voice audio. I?ve never
> found the NR to make any voices step out of the noise and make them
> more intelligable regardless of any setting of the DSP. And I think
> I know why. My excellent external speaker already have such an
> efficient way of reducing noise and enhance voices that the DSP
> cannot improve anything to it. But the function of the automatic
> notch filter are really helpful and that alone makes the DSP worth
> having.
>
> Ubbe.
>
> ----- Original Message -----
> From: jim_hack
> To: icomr75@yahoogroups.com
> Sent: Wednesday, July 17, 2002 11:11 PM
> Subject: [icomr75] Re: UT-106 Installation
>
> Just looked over the instructions again.
> It IS pretty vague, isn't it? Hope you got it all figured out and
> are enjoying it by now. It CAN make an intelligible signal out of an
> otherwise muddy bunch of noise.

2045. Re: UT-106 Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-18 20:46:34 UTC
From: Ubbe
Topic: 2012 Message: 2045

OK, but you have to understand that the ANF wont do anything to
the noise, it's purpose being to notch out a single tone frequency
and not random noise.

Ubbe.

jim_hack wrote:
>
> I also was refering more to the ANF than the NR in making the signal
> more readable.
>
> --- In icomr75@y..., Ubbe <urban@h...> wrote:
> >
> > Most people seem to praise it's noise reducing capability, but
> > I find it useless
> >
> > ----- Original Message -----
> > From: jim_hack
> > To: icomr75@y...
> > Sent: Wednesday, July 17, 2002 11:11 PM
> > Subject: [icomr75] Re: UT-106 Installation
> >
> >
> > Just looked over the instructions again.
> > It IS pretty vague, isn't it? Hope you got it all figured out
> > and are enjoying it by now. It CAN make an intelligible signal
> > out of an otherwise muddy bunch of noise.

2046. Re: [icomr75] Re: UT-106 Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-18 22:59:19 UTC
From: Moxie3
Topic: 2012 Message: 2046

Yep, and only on SSB. I haven't elevated my listening to SSB yet as I'm not sure what is on there. I've been listening only to AM shortwave.

George
----- Original Message -----
From: Ubbe
To: icomr75@yahoogroups.com
Sent: Thursday, July 18, 2002 3:46 PM
Subject: [icomr75] Re: UT-106 Installation

OK, but you have to understand that the ANF wont do anything to
the noise, it's purpose being to notch out a single tone frequency
and not random noise.

Ubbe.

jim_hack wrote:
>
> I also was refering more to the ANF than the NR in making the signal
> more readable.
>
> --- In icomr75@y..., Ubbe <urban@h...> wrote:
> >
> > Most people seem to praise it's noise reducing capability, but
> > I find it useless
> >
> > ----- Original Message -----
> > From: jim_hack
> > To: icomr75@y...
> > Sent: Wednesday, July 17, 2002 11:11 PM
> > Subject: [icomr75] Re: UT-106 Installation
> >
> >
> > Just looked over the instructions again.
> > It IS pretty vague, isn't it? Hope you got it all figured out
> > and are enjoying it by now. It CAN make an intelligible signal
> > out of an otherwise muddy bunch of noise.

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2047. Re: UT-106 Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-18 22:05:26 UTC
From: jim_hack
Topic: 2012 Message: 2047

Well, I consider unwanted tones as noise also.
They're just not random noises.
Sometimes, what I say and what I mean, are 2 different things ;)

--- In icomr75@y..., Ubbe <urban@h...> wrote:
> OK, but you have to understand that the ANF wont do anything to
> the noise, it's purpose being to notch out a single tone frequency
> and not random noise.
>
> Ubbe.
>
> jim_hack wrote:
> >
> > I also was refering more to the ANF than the NR in making the
signal
> > more readable.
> >
> > --- In icomr75@y..., Ubbe <urban@h...> wrote:
> > >
> > > Most people seem to praise it's noise reducing capability, but
> > > I find it useless
> > >
> > > ----- Original Message -----
> > > From: jim_hack
> > > To: icomr75@y...
> > > Sent: Wednesday, July 17, 2002 11:11 PM
> > > Subject: [icomr75] Re: UT-106 Installation
> > >
> > >
> > > Just looked over the instructions again.
> > > It IS pretty vague, isn't it? Hope you got it all figured out
> > > and are enjoying it by now. It CAN make an intelligible signal
> > > out of an otherwise muddy bunch of noise.

2048. Re: [icomr75] Re: UT-106 Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-18 23:13:00 UTC
From: Moxie3
Topic: 2012 Message: 2048

Jim, at this point I'm just relieved I installed the DSP without damaging something, at least nothing I'm aware of. -:)

George
----- Original Message -----
From: jim_hack
To: icomr75@yahoogroups.com
Sent: Thursday, July 18, 2002 5:05 PM
Subject: [icomr75] Re: UT-106 Installation

Well, I consider unwanted tones as noise also.
They're just not random noises.
Sometimes, what I say and what I mean, are 2 different things ;)

--- In icomr75@y..., Ubbe <urban@h...> wrote:
> OK, but you have to understand that the ANF wont do anything to
> the noise, it's purpose being to notch out a single tone frequency
> and not random noise.
>
> Ubbe.
>
> jim_hack wrote:
> >
> > I also was refering more to the ANF than the NR in making the
signal
> > more readable.
> >
> > --- In icomr75@y..., Ubbe <urban@h...> wrote:
> > >
> > > Most people seem to praise it's noise reducing capability, but
> > > I find it useless
> > >
> > > ----- Original Message -----
> > > From: jim_hack
> > > To: icomr75@y...
> > > Sent: Wednesday, July 17, 2002 11:11 PM
> > > Subject: [icomr75] Re: UT-106 Installation
> > >
> > >
> > > Just looked over the instructions again.
> > > It IS pretty vague, isn't it? Hope you got it all figured out
> > > and are enjoying it by now. It CAN make an intelligible signal
> > > out of an otherwise muddy bunch of noise.

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2049. R-75 cookbook addition

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-18 22:34:54 UTC
From: dmcbohol
Topic: 2049 Message: 2049

July 19, 2002

Hello to all !

I would like to request the author (Phil) of the cookbook to please kindly add on the last page those "You know you're addicted to R-75" (or something to that effect) quotes that was published long ago in this group. It would be a nice end page for the next version of the very much helpfull & informative cookbook. I wasn't able to copy those quotes when it was posted and I don't have time to search for it anymore but I believe it was also Phil who wrote them and some other members also added there own words.

That's all

Standing by...

Dennis Ls M Cruz (stclaire@...)
the Philippines

2050. SSB

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-18 22:38:36 UTC
From: Marv Loopstra
Topic: 2012 Message: 2050

George,
where are you located?
You may find ssb VERY interesting...
Marv

2051. Re: [icomr75] SSB

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-19 01:50:34 UTC
From: Moxie3
Topic: 2012 Message: 2051

Marv,
I'm in Tampa.
George
----- Original Message -----
From: Marv Loopstra
To: Moxie3
Sent: Thursday, July 18, 2002 5:38 PM
Subject: [icomr75] SSB

George,
where are you located?
You may find ssb VERY interesting...
Marv

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2052. Re: [icomr75] SSB

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-19 01:11:06 UTC
From: SP600historian@aol.com
Topic: 2012 Message: 2052

In a message dated 7/18/02 7:50:20 PM, moxie3@... writes:

<< Marv,
I'm in Tampa.
George >>

11.175.00 usb...military air traffic from mcDill afb and other places.

Les

2053. Re: UT-106 Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-19 12:00:48 UTC
From: Ubbe
Topic: 2012 Message: 2053

Only on SSB you say. The UT106 are connected in the demodulated audio after all the RF and IF circuits so it should process all audio that comes out the speaker regardless of modulation mode.

Ubbe.

-----Original Message-----
From: "Moxie3" <moxie3@...>
To: <icomr75@yahoogroups.com>
Date: Thu, 18 Jul 2002 17:59:19 -0500
Subject: Re: [icomr75] Re: UT-106 Installation

Yep, and only on SSB. I haven't elevated my listening to SSB yet as I'm not sure what is on there. I've been listening only to AM shortwave.

George
----- Original Message -----
From: Ubbe
To: icomr75@yahoogroups.com
Sent: Thursday, July 18, 2002 3:46 PM
Subject: [icomr75] Re: UT-106 Installation

OK, but you have to understand that the ANF wont do anything to
the noise, it's purpose being to notch out a single tone frequency
and not random noise.

Ubbe.

jim_hack wrote:
>
> I also was refering more to the ANF than the NR in making the signal
> more readable.
>
> --- In icomr75@y..., Ubbe <urban@h...> wrote:
> >
> > Most people seem to praise it's noise reducing capability, but
> > I find it useless
> >
> > ----- Original Message -----
> > From: jim_hack
> > To: icomr75@y...
> > Sent: Wednesday, July 17, 2002 11:11 PM
> > Subject: [icomr75] Re: UT-106 Installation
> >
> >
> > Just looked over the instructions again.
> > It IS pretty vague, isn't it? Hope you got it all figured out

> > and are enjoying it by now. It CAN make an intelligible signal
> > out of an otherwise muddy bunch of noise.

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2054. Re: [icomr75] Re: UT-106 Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-19 14:07:15 UTC
From: Moxie3
Topic: 2012 Message: 2054

Don't know but that's what the manual states on page 20: "The auto notch functions in SSB mode only." But....I don't know what the heck it is anyway. Maybe when I start using SSB I'll learn.

George
----- Original Message -----
From: Ubbe
To: icomr75@yahoogroups.com
Sent: Friday, July 19, 2002 7:00 AM
Subject: [icomr75] Re: UT-106 Installation

Only on SSB you say. The UT106 are connected in the demodulated audio after all the RF and IF circuits so it should process all audio that comes out the speaker regardless of modulation mode.

Ubbe.

-----Original Message-----
From: "Moxie3" <moxie3@...>
To: <icomr75@yahoogroups.com>
Date: Thu, 18 Jul 2002 17:59:19 -0500
Subject: Re: [icomr75] Re: UT-106 Installation

Yep, and only on SSB. I haven't elevated my listening to SSB yet as I'm not sure what is on there. I've been listening only to AM shortwave.

George
----- Original Message -----
From: Ubbe
To: icomr75@yahoogroups.com
Sent: Thursday, July 18, 2002 3:46 PM
Subject: [icomr75] Re: UT-106 Installation

OK, but you have to understand that the ANF wont do anything to
the noise, it's purpose being to notch out a single tone frequency
and not random noise.

Ubbe.

jim_hack wrote:
>
> I also was refering more to the ANF than the NR in making the signal
> more readable.
>
> --- In icomr75@y..., Ubbe <urban@h...> wrote:
> >
> > Most people seem to praise it's noise reducing capability, but

> > I find it useless
> >
> > ----- Original Message -----
> > From: jim_hack
> > To: icomr75@y...
> > Sent: Wednesday, July 17, 2002 11:11 PM
> > Subject: [icomr75] Re: UT-106 Installation
> >
> >
> > Just looked over the instructions again.
> > It IS pretty vague, isn't it? Hope you got it all figured out
> > and are enjoying it by now. It CAN make an intelligible signal
> > out of an otherwise muddy bunch of noise.

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[Non-text portions of this message have been removed]

2055. Re: [icomr75] Re: UT-106 Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-19 13:29:52 UTC
From: Eric F. Richards
Topic: 2012 Message: 2055

At 09:07 AM 7/19/2002 -0500, you wrote:
>Don't know but that's what the manual states on page 20: "The auto notch
>functions in SSB mode only." But....I don't know what the heck it is
>anyway. Maybe when I start using SSB I'll learn.
>
>George

Perhaps the manual should have said that the auto notch is most useful
in SSB mode. You certainly wouldn't use it in CW mode but it can be
used in AM mode.

What it does is this: If there is a hetrodyne -- a sharp tone caused by
the carrier of a station on a close frequency, the filter will remove it.
The reason it is called a "notch" is because if you graphed out the audio
response of the receiver there would be a dead spot -- a notch -- right
where that tone is.

Now, you can use the notch filter in AM. To demonstrate this to yourself,
tune in WWV (5, 10, 15 MHz -- pick the best one). Note that it has a tone
broadcast along with the time "ticks" -- because the auto notch filter looks
for a constant tone, it will filter the tone out. When you turn the ANF on,
the tone will, after a couple seconds, drop dramatically in strength.

This demonstration shows an unfortunate side effect of letting the ANF
do things automatically; WWV would not be a place where you'd want an
ANF. But the demo will show it at work.

Now the reason the manual says that ANF is good for SSB only is because,
well, CW (morse code) will be heard by you as a tone on one frequency
turning on and off... and the ANF will dutifully kill it for you. On SSB,
because of the way the signal is demodulated, is much more prone to
interference from nearby stations, be they AM or CW. BUT, the ANF will
work on AM signals. It's just not as "necessary" there.

Hope this rambling helps.

Eric

> ----- Original Message -----
> From: Ubbe
> To: icomr75@yahoogroups.com
> Sent: Friday, July 19, 2002 7:00 AM
> Subject: [icomr75] Re: UT-106 Installation
>
>
> Only on SSB you say. The UT106 are connected in the demodulated audio
> after all the RF and IF circuits so it should process all audio that

> comes out the speaker regardless of modulation mode.
>
> Ubbe.
>
> -----Original Message-----
> From: "Moxie3" <moxie3@...>
> To: <icomr75@yahoogroups.com>
> Date: Thu, 18 Jul 2002 17:59:19 -0500
> Subject: Re: [icomr75] Re: UT-106 Installation
>
> Yep, and only on SSB. I haven't elevated my listening to SSB yet as
> I'm not sure what is on there. I've been listening only to AM shortwave.
>
> George
> ----- Original Message -----
> From: Ubbe
> To: icomr75@yahoogroups.com
> Sent: Thursday, July 18, 2002 3:46 PM
> Subject: [icomr75] Re: UT-106 Installation
>
>
> OK, but you have to understand that the ANF wont do anything to
> the noise, it's purpose being to notch out a single tone frequency
> and not random noise.
>
> Ubbe.
>
> jim_hack wrote:
> >
> > I also was refering more to the ANF than the NR in making the signal
> > more readable.
> >
> > --- In icomr75@y..., Ubbe <urban@h...> wrote:
> > >
> > > Most people seem to praise it's noise reducing capability, but
> > > I find it useless
> > >
> > > ----- Original Message -----
> > > From: jim_hack
> > > To: icomr75@y...
> > > Sent: Wednesday, July 17, 2002 11:11 PM
> > > Subject: [icomr75] Re: UT-106 Installation
> > >
> > >
> > > Just looked over the instructions again.
> > > It IS pretty vague, isn't it? Hope you got it all figured out
> > > and are enjoying it by now. It CAN make an intelligible signal
> > > out of an otherwise muddy bunch of noise.
>
>

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--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2056. Re: UT-106 Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-19 13:42:18 UTC
From: Ubbe
Topic: 2012 Message: 2056

Strange, but I'll better not comment any more until I actually test it. I don't know the reason why Icom have disabled the usefull ANF function in FM and AM mode, but it's a pity it can't be used regardless of what you listen to.

Ubbe.

-----Original Message-----
From: "Moxie3" <moxie3@...t>
To: <icomr75@yahoogroups.com>
Date: Fri, 19 Jul 2002 09:07:15 -0500
Subject: Re: [icomr75] Re: UT-106 Installation

Don't know but that's what the manual states on page 20: "The auto notch functions in SSB mode only." But....I don't know what the heck it is anyway. Maybe when I start using SSB I'll learn.

George
----- Original Message -----
From: Ubbe
To: icomr75@yahoogroups.com
Sent: Friday, July 19, 2002 7:00 AM
Subject: [icomr75] Re: UT-106 Installation

Only on SSB you say. The UT106 are connected in the demodulated audio after all the RF and IF circuits so it should process all audio that comes out the speaker regardless of modulation mode.

Ubbe.

2057. Antenna Question's

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-19 13:49:17 UTC
From: Jack
Topic: 2057 Message: 2057

Hi all,

I was just wondering if an Inverted L can be laid on its side instead of being actually inverted? ie. the L is horizontal from its first securing to the second then where it would normally come down verticaly keep it going horizontally to another securing and feeding it from that end with a 9:1 balun??

Also with my inverted V could i have multiple antenna's coming off each side of my balun (1:1) cut to different frequencys? ,would it degrade its performance at all? ,improve it??

I would appreciate some advice on the above! :)

Jack.

[Non-text portions of this message have been removed]

2058. Re: [icomr75] Re: UT-106 Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-19 15:11:23 UTC
From: Moxie3
Topic: 2012 Message: 2058

Eric, your explanation helps a lot - will copy for future reference.
George
----- Original Message -----
From: Eric F. Richards
To: icomr75@yahoogroups.com
Sent: Friday, July 19, 2002 8:29 AM
Subject: Re: [icomr75] Re: UT-106 Installation

At 09:07 AM 7/19/2002 -0500, you wrote:
>Don't know but that's what the manual states on page 20: "The auto notch
>functions in SSB mode only." But....I don't know what the heck it is
>anyway. Maybe when I start using SSB I'll learn.
>
>George

Perhaps the manual should have said that the auto notch is most useful
in SSB mode. You certainly wouldn't use it in CW mode but it can be
used in AM mode.

What it does is this: If there is a hetrodyne -- a sharp tone caused by
the carrier of a station on a close frequency, the filter will remove it.
The reason it is called a "notch" is because if you graphed out the audio
response of the receiver there would be a dead spot -- a notch -- right
where that tone is.

Now, you can use the notch filter in AM. To demonstrate this to yourself,
tune in WWV (5, 10, 15 MHz -- pick the best one). Note that it has a tone
broadcast along with the time "ticks" -- because the auto notch filter looks
for a constant tone, it will filter the tone out. When you turn the ANF on,
the tone will, after a couple seconds, drop dramatically in strength.

This demonstration shows an unfortunate side effect of letting the ANF
do things automatically; WWV would not be a place where you'd want an
ANF. But the demo will show it at work.

Now the reason the manual says that ANF is good for SSB only is because,
well, CW (morse code) will be heard by you as a tone on one frequency
turning on and off... and the ANF will dutifully kill it for you. On SSB,
because of the way the signal is demodulated, is much more prone to
interference from nearby stations, be they AM or CW. BUT, the ANF will
work on AM signals. It's just not as "necessary" there.

Hope this rambling helps.

Eric

> ----- Original Message -----
> From: Ubbe
> To: icomr75@yahoogroups.com
> Sent: Friday, July 19, 2002 7:00 AM
> Subject: [icomr75] Re: UT-106 Installation
>
>
> Only on SSB you say. The UT106 are connected in the demodulated audio
> after all the RF and IF circuits so it should process all audio that
> comes out the speaker regardless of modulation mode.
>
> Ubbe.
>
> -----Original Message-----
> From: "Moxie3" <moxie3@...>
> To: <icomr75@yahoogroups.com>
> Date: Thu, 18 Jul 2002 17:59:19 -0500
> Subject: Re: [icomr75] Re: UT-106 Installation
>
> Yep, and only on SSB. I haven't elevated my listening to SSB yet as
> I'm not sure what is on there. I've been listening only to AM shortwave.
>
> George
> ----- Original Message -----
> From: Ubbe
> To: icomr75@yahoogroups.com
> Sent: Thursday, July 18, 2002 3:46 PM
> Subject: [icomr75] Re: UT-106 Installation
>
>
> OK, but you have to understand that the ANF wont do anything to
> the noise, it's purpose being to notch out a single tone frequency
> and not random noise.
>
> Ubbe.
>
> jim_hack wrote:
> >
> > I also was refering more to the ANF than the NR in making the signal
> > more readable.
> >
> > --- In icomr75@y..., Ubbe <urban@h...> wrote:
> > >
> > > Most people seem to praise it's noise reducing capability, but
> > > I find it useless
> > >
> > > ----- Original Message -----
> > > From: jim_hack
> > > To: icomr75@y...
> > > Sent: Wednesday, July 17, 2002 11:11 PM
> > > Subject: [icomr75] Re: UT-106 Installation

> > >
> > >
> > > Just looked over the instructions again.
> > > It IS pretty vague, isn't it? Hope you got it all figured out
> > > and are enjoying it by now. It CAN make an intelligible signal
> > > out of an otherwise muddy bunch of noise.
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--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

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[Non-text portions of this message have been removed]

2059. Re: [icomr75] Re: UT-106 Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-19 15:14:58 UTC
From: Moxie3
Topic: 2012 Message: 2059

Ubbe, I stand corrected. Evidently Icom wasn't clear in the manual - read Eric's post as it makes sense.
George
----- Original Message -----
From: Ubbe
To: icomr75@yahoogroups.com
Sent: Friday, July 19, 2002 8:42 AM
Subject: [icomr75] Re: UT-106 Installation

Strange, but I'll better not comment any more until I actually test it. I don't know the reason why Icom have disabled the usefull ANF function in FM and AM mode, but it's a pity it can't be used regardless of what you listen to.

Ubbe.

-----Original Message-----
From: "Moxie3" <moxie3@...>
To: <icomr75@yahoogroups.com>
Date: Fri, 19 Jul 2002 09:07:15 -0500
Subject: Re: [icomr75] Re: UT-106 Installation

Don't know but that's what the manual states on page 20: "The auto notch functions in SSB mode only." But....I don't know what the heck it is anyway. Maybe when I start using SSB I'll learn.

George
----- Original Message -----
From: Ubbe
To: icomr75@yahoogroups.com
Sent: Friday, July 19, 2002 7:00 AM
Subject: [icomr75] Re: UT-106 Installation

Only on SSB you say. The UT106 are connected in the demodulated audio after all the RF and IF circuits so it should process all audio that comes out the speaker regardless of modulation mode.

Ubbe.

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[Non-text portions of this message have been removed]

2060. Re: UT-106 Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-19 14:54:46 UTC
From: jim_hack
Topic: 2012 Message: 2060

The ANF does in fact function in AM mode as Eric stated. It also functions in FM mode but, you aren't going to hear hetrodynes in that mode so there is no reason to use it there. When my local cops transmit their station ID in morse, it knocks it way down as with the WWV test Eric mentioned.

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Ubbe, I stand corrected. Evidently Icom wasn't clear in the manual - read Eric's post as it makes sense.
> George
> ----- Original Message -----
> From: Ubbe
> To: icomr75@y...
> Sent: Friday, July 19, 2002 8:42 AM
> Subject: [icomr75] Re: UT-106 Installation
>
>
> Strange, but I'll better not comment any more until I actually test it. I don't know the reason why Icom have disabled the usefull ANF function in FM and AM mode, but it's a pity it can't be used regardless of what you listen to.
>
> Ubbe.
>
> -----Original Message-----
> From: "Moxie3" <moxie3@e...>
> To: <icomr75@y...>
> Date: Fri, 19 Jul 2002 09:07:15 -0500
> Subject: Re: [icomr75] Re: UT-106 Installation
>
> Don't know but that's what the manual states on page 20: "The auto notch functions in SSB mode only." But....I don't know what the heck it is anyway. Maybe when I start using SSB I'll learn.
>
> George
> ----- Original Message -----
> From: Ubbe
> To: icomr75@y...
> Sent: Friday, July 19, 2002 7:00 AM
> Subject: [icomr75] Re: UT-106 Installation
>
>
> Only on SSB you say. The UT106 are connected in the demodulated audio after all the RF and IF circuits so it should process all audio that comes out the speaker regardless of modulation mode.

>
> Ubbe.
>
>
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>
> [Non-text portions of this message have been removed]

2061. Re: UT-106 and other DSP's

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-19 18:25:26 UTC
From: Eddie Bryant
Topic: 2061 Message: 2061

>Most people seem to praise it's noise reducing
>capability, but I find it useless as the amount of
>noise reduction are exactly linked with the amount
>of distorsion added to the voice audio. Ubb.

I tend to agree with the distortion part. I hate listening
to a digitally processed signal as it really sounds unnatural.
But for the notch and noise suppression (mainly noise
from lightning crashes) the UT-106 works well.

I had an NIR-12 DSP Reducer and the Notch on it
was superb. However, it did add the funny echo like
artifacts if the DSP control was adjusted too high. Its
no longer made and I ended up selling it.

The UT-106 would rate maybe a seven in relative
performance to it. Then again this was a seperate box
costing over $300 US.

I have an IC-746 with IF DSP and it does seem to
remove the noise more effectively with less distortion.
But , it's not an R75!

Ed
N4UMJ

2062. Re: UT-106 and other DSP's

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-19 21:26:00 UTC
From: Ubbe
Topic: 2061 Message: 2062

A few years back I tested a SB16 soundcard program for PC DOS mode only, and that software where really amazing! It had a lot of filtering options for CW use but also had a compressor/AGC function as well as noise reduction.

It had the same effect as with your DSP, that it added echo if you went too far with the amount of noise supression selected. But the good thing about it where that moderatly set it actually made a dramatic reduction of the noise while keeping the voice sounding human without adding any digital Dalek type of sound.

I think it where moderatly priced at $25 or something and the demo run long enough to have time to evaluate it properly. The UT106 is something like $100, (yes, I had to pay the full amount for mine) and still doesn't come near in performance, but then it can't match the power of a PC and a dedicated soundcard, not to mention the genius of a true soundblaster hacker. The snag was that you had to dedicate a whole PC for doing only a DSP function.

Ubbe.

Eddie Bryant wrote:
>
> >Most people seem to praise it's noise reducing
> >capability, but I find it useless as the amount of
> >noise reduction are exactly linked with the amount
> >of distorsion added to the voice audio. Ubbe.
>
> I tend to agree with the distortion part. I hate listening
> to a digitally processed signal as it really sounds unnatural.
> But for the notch and noise suppression (mainly noise
> from lightning crashes) the UT-106 works well.
>
> I had an NIR-12 DSP Reducer and the Notch on it
> was superb. However, it did add the funny echo like
> artifacts if the DSP control was adjusted too high. Its
> no longer made and I ended up selling it.
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> The UT-106 would rate maybe a seven in relative
> performance to it. Then again this was a seperate box
> costing over $300 US.
>
> I have an IC-746 with IF DSP and it does seem to
> remove the noise more effectively with less distortion.
> But , it's not an R75!
>

> Ed
> N4UMJ

2063. R75 For sale in the UK?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-20 08:27:31 UTC
From: Dougie Coull
Topic: 2063 Message: 2063

Hi Folks,

Did I see a message with an R75 for sale in the UK in this group?

Know I saw it somewhere but can't find ....

Many thanks.

Regards,

Dougie

>>>>>>>> Douglas Coull, Langbank, Scotland
>>>>>>>> Lat 55.92445 N Long 4.59753 W

>>>>>>> www.doug-coull.co.uk/
<<<<<<< www.milair.fsworld.co.uk/
>>>>>>> www.radio-scanning.fsworld.co.uk/

2064. RE: [icomr75] Re: UT-106 Installation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-20 16:03:30 UTC
From: Enrique A. Wembagher
Topic: 2012 Message: 2064

Hi,
Please, look for in the group...
These questions and many other, they are answered in previous messages by
the first members of the list.

73?s
Enrique

> -----Mensaje original-----
> De: Moxie3 [mailto:moxie3@...]
> Enviado el: Viernes, 19 de Julio de 2002 11:07
> Para: icomr75@yahoogroups.com
> Asunto: Re: [icomr75] Re: UT-106 Installation
>
>
> Don't know but that's what the manual states on page 20: "The
> auto notch functions in SSB mode only." But....I don't know what
> the heck it is anyway. Maybe when I start using SSB I'll learn.
>
> George

2065. RE: [icomr75] Antenna Question's

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-20 16:03:31 UTC
From: Enrique A. Wembagher
Topic: 2057 Message: 2065

Hi Jack,
Longwire : Balun 9:1 + coaxial RG58 download to rx.
Inverted V: download with open wire (maybe.. flat TV cable) + balun 4:1 in the base of the mast and RG58 to rx.
The rx it should always be with a connection to ground.

More in:
http://arieldx.tripod.com/estaciondx/proyectos/endfeedinvertedv.htm

73?s
Enrique

> -----Mensaje original-----
> De: Jack [mailto:haz_ard@...]
> Enviado el: Viernes, 19 de Julio de 2002 10:49
> Para: icomr75@yahoogroups.com
> Asunto: [icomr75] Antenna Question's
>
>
> Hi all,
>
> I was just wondering if an Inverted L can be laid on its side
> instead of being actually inverted? ie. the L is horizontal from
> its first securing to the second then where it would normally
> come down verticaly keep it going horizontally to another
> securing and feeding it from that end with a 9:1 balun??
>
> Also with my inverted V could i have multiple antenna's coming
> off each side of my balun (1:1) cut to different frequencys?
> ,would it degrade its performance at all? ,improve it??
>
> I would appreciate some advice on the above! :)
>
>
> Jack.
>
>
> [Non-text portions of this message have been removed]
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>

2066. Kiwa VS Non Kiwa R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-20 18:08:50 UTC
From: DeWayne
Topic: 2066 Message: 2066

I would like to hear some fresh opinions. Are the Kiwa mods worth the $$$?
Is FM still useable? My R75 does not have the Kiwa mods (yet). Thanks!
DeWayne KE9K

[Non-text portions of this message have been removed]

2067. Re: [icomr75] Kiwa VS Non Kiwa R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-21 01:17:00 UTC
From: SP600historian@aol.com
Topic: 2066 Message: 2067

In a message dated 7/20/02 1:08:45 PM, ke9k@... writes:

<< would like to hear some fresh opinions. Are the Kiwa mods worth the $$$?
Is FM still useable? My R75 does not have the Kiwa mods (yet). Thanks!
DeWayne KE9K

>>

First, the fm is still useable, but sounds a little pinched with the 6 kc filter. But, I don't use fm. This receiver has the dsp.

I recently acquired a used Kiwa modified R-75.

I have owned a R8B for a couple of years.

I use a RCA XTS50AV speaker with the R-75.

I use a modified Hammarlund S-200 speaker with an 8" round duo-cone speaker mounted in it for the R8B.

In extensive side by side tests, the R-75 holds its own in many circumstances.

But, the R8B is a better receiver.

Prior to purchasing this R-75, a friend brought his stock R-75 over and we tried that and my R8B side by side.

I wouldn't own a stock R-75, because it sucked.

I haven't had to modify my R8B.

Then, why did I purchase this R-75?

Strictly price, and it only had to serve a single purpose, in my workshop.

Les Locklear
Gulfport, Ms.
SP-600 Historian
http://www.hammarlund.info/

2068. R75 AGC attack and release times

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-21 02:00:01 UTC
From: dawntredereding
Topic: 2068 Message: 2068

Has anyone any data on actual measured threshold knee, attack, and release times on the R75's AGC?

TIA,

dt

2069. R-75 with mods vrs R8B

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-21 12:50:39 UTC
From: atagrasin
Topic: 2069 Message: 2069

The Drake R8B is a good receiver but not better than my mod R-75.In a side by side test: 1.The R8B
Drift by 50 hz or so even after warmup hours
later.
2.A lot of "Birdies" just above most x.5 points in R8B.
3.The R8B run very hot.I turn off the unit but the the power supply inside the unit keep generating a lot of heat.[No good for sensitive electronic component]A lot of R8B owners are using a external power supply
now.
4.In sensitivity the R-75 win hands down in the side by side test.I have the sensitivity mod[the improved one] from the files of this group.
5. The ultimate selectivity filters skirt of the R8B no razor sharp.The R8B use simple LC filtering.The old drake R-7 haved better use better filters.
6.R-75 Dynamic range surpass the R8B.
7.R8B have a 10 years old circuit with some improvements.
8.R8B bassy sound,no good for dxing[You need an external speaker]The R75 too need an external speaker.
9.Passband usable tunning sweep in the R8B unnecessarily narrow and thus fussier to adjust.
10.R8B mechanical encoder give some problems.The early encoder in the first R8 series was better.
Final commentaries:The R75 have 1hz tunning steps,2 pre-amps,tunning range up to 60Mhz,DSP,ANF,TWIN PBT,All for only $600.00,the Drake $1,379 You save about $700.00.The sync det problem can be fix with less than $10.00 if you have solder skills.If you want a better AGC install a $1.00 dollar 220uf cap in pin 4 of the Sync det IC.After the test I sold my R-8B and keep the R-75.

2070. Re: [icomr75] R-75 with mods vrs R8B

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-21 13:31:13 UTC
From: SP600historian@aol.com
Topic: 2069 Message: 2070

In a message dated 7/21/02 7:51:42 AM, k1c2@... writes:

<< The Drake R8B is a good receiver but not better than my mod R-75.In a side by side test: 1.The R8B
Drift by 50 hz or so even after warmup hours
later.

Never noticed that in my R8B..what are you using for a frequency standard to determine the drift?

2.A lot of "Birdies" just above most x.5 points in R8B.
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now.

Hmmmm, I believe that the R-75 has an external supply also. Right? FWIW, I have used an external dc power supply for years with many, many receivers. What's the big deal about that?

4.In sensitivity the R-75 win hands down in the side by side test.I have the sensitivity mod[the improved one] from the files of this group.

The other evening, I was listening to an amateur group on 80 meters, couldn't make them out on the R-75, used no. 1 pre amp, just increased the noise level. The R8B heard them just fine with no pre amp. What did you use to determine the sensitivity kenneth? What signal generator, output meter or did you use a vtvm or vom? Inquiring minds want to know?

5. The ultimate selectivity filters skirt of the R8B no razor sharp.The R8B use simple LC filtering.The old drake R-7 haved better use better filters.

And, the shape factors on the R-75 are.......???

6.R-75 Dynamic range surpass the R8B.

Proof please, not just a statement.

7.R8B have a 10 years old circuit with some improvements.

And, the R-75 chip is how old??

8.R8B bassy sound,no good for dxing[You need an external speaker]The R75 too need an external speaker.

I don't believe that anyone is dx'ing without an external speaker.

9.Passband usable tunning sweep in the R8B unnecessarily narrow and
thus fussier to adjust.

That is pure bs, the passband shift is nowhere as good on the R-75.

10.R8B mechanical encoder give some problems.The early encoder in the
first R8 series was better.

Hmmmmmm, and you source of information is?? I've owned my R8B for over two
years, not one problem.

Final commentaries:The R75 have 1hz tunning steps,2 pre-amps,tunning
range up to 60Mhz,DSP,ANF,TWIN PBT,All for only $600.00,the Drake
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When I bought mine, it was $1,159.95.

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less than $10.00 if you have solder skills.If you want a better AGC
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the test I sold my R-8B and keep the R-75.

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Good for you "King of Trolls"....maybe one day I can post something in here
or over in rrs and get good feedback and positive criticism. Not just your
rants about the R-75 is the greatest receiver ever built. A gentleman asked
what the differences were between the stock R-75 and a Kiwa modified R-75, I
gave my opinion. The you come in and tell everyone what is wrong (inyour
opinion) with the R8B. Since you have never (admitted by you) had a stock
R-75 and a Kiwa modified R-75 to compare, I would suggest you take tour
fractured syntax and put it where the sun doesn't shine......example: "Les
wroted"
I got a belly laugh out of that one, I have never "wroted" anything in my
life.

Les Locklear
Gulfport, Ms.
SP-600 Historian
http://www.hammarlund.info/

2071. Directional Attributes Of Dipoles & Longwires

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-21 15:34:55 UTC
From: Moxie3
Topic: 2071 Message: 2071

I've read shortwave signals are directional, meaning that if I install a horizontal antenna north to south, I would receive signals from the east and west since signals are horizontally polarized when they leave the transmitter. However, I have also read that after signals travel thousands of miles they become horizontal and vertical. Based upon the direction of your antenna, do you feel your reception is coming from all directions or is bi-directional? Also, at what height is your antenna?

George

[Non-text portions of this message have been removed]

2073. Re: R-75 with mods vrs R8B

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-21 16:27:25 UTC
From: r390auser
Topic: 2069 Message: 2073

--- In icomr75@y..., "atagrasin" <k1c2@h...> wrote:
> --- In icomr75@y..., SP600historian@a... wrote:
> >
> > In a message dated 7/21/02 7:51:42 AM, k1c2@h... writes:
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> > Never noticed that in my R8B..what are you using for a frequency
> standard to
> > determine the drift?
> Check page 14 Passport white papers
> review

You must have a "special" white paper, my R8B White Paper says no such
thing about drift.

>
> > 2.A lot of "Birdies" just above most x.5 points in
> R8B.
> "Birdies" problems in the Drake R-8B. Page 14 passport white papers
> review.
> > 3. TheR8B run very hot.I turn off the unit but the the power
supply
> > inside the unit keep generating a lot of heat.[No good for
> sensitive
> > electronic component]A lot of R8B owners are using a external
power
> > supply
> > now.
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> >
> > Hmmmm, I believe that the R-75 has an external supply also. Right?
> FWIW, I
> > have used an external dc power supply for years with many, many
> receivers.
> > What's the big deal about that?
> THe big deal is you pay $1,379 for a receiver and then have to buy
an
> external power supply ,hummmmmmm.

No, I "already had it"...., the other Jap receivers ran cooler with a
dc power supply, including the high priced NRD series.

> >
> > 4.In sensitivity the R-75 win hands down in the side by side
test.I
> > have the sensitivity mod[the improved one] from the files of this
> > group.
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> > The other evening, I was listening to an amateur group on 80
> meters, couldn't
> > make them out on the R-75, used no. 1 pre amp, just increased the
> noise
> Sorry but no noise with the use of the 1 pre-amp[very
clean]everybody
> in this group know that.

Is that right? And, when was this professionaal poll taken?

> > level. The R8B heard them just fine with no pre amp.
> Page 14 passport white papers "The discontinued drake R-7 better in
> weak signal reception".With the sensitive mod, 2 pre-amp an the DSP
> no way.

I don't believe we are talking about the Drake R7 are we??? But, you
change the subject to take the heat off of you, don't you?

> > determine the sensitivity kenneth? What signal generator, output
> meter or did
> > you use a vtvm or vom? Inquiring minds want to know?
> Tell me first what you use I have an inquiring mind
> too.

I didn't claim to have sensitivity figures. You are quoting from some
obscure article that you fail to mention. When I still had a shop full
of laboratory grade test equipment, I had a HP8640B, HP400B, HP410
that were all NIST calibrated. The wild claims that you make regarding
the R-75 sensitivity would put the mds well below the noise floor. So,
what good is that sort of sensitivity? Invalid argument by you once
again.

Are you learning disabled kenneth? I ask you a question and you answer
with a question. What didn't you understand about what kinds of test
equipment you used to arrive at the sensitivity figures?

> > 5. The ultimate selectivity filters skirt of the R8B no razor
> > sharp.The R8B use simple LC filtering.The old drake R-7 haved
> better
> > use better filters.
> >
> > And, the shape factors on the R-75 are.......???
> Check passport white papers review page 12 and
> 13

Are you saying that you have a "White Paper on the R-75"? If so, it is the only one in existence. If you are quoting your white paper on the R8B. there is no reference to filter shape facotrs on pages 12 and 13.

> > 6.R-75 Dynamic range surpass the R8B.
>
> >
> > Proof please, not just a statement.
> Proof R8B din range 75DB to 89 DB Page 133 passport to world band
> radio. R-75 dinamic range 105 DB .

What in hell is dinamic range??? At what point was it measured? 20 khz or 5 khz. Or, are you quoting someone else once again?

> >
> > 7.R8B have a 10 years old circuit with some improvements.
> >
> > And, the R-75 chip is how old??
> I am talking about circuits not about 1 IC or chip.

Let me re phraase it then, are not circuits in the R-75 also old?

> > 8.R8B bassy sound,no good for dxing[You need an external speaker]
> The
> > R75 too need an external speaker.
> >
> > I don't believe that anyone is dx'ing without an external speaker.
> >
> > 9.Passband usable tunning sweep in the R8B unnecessarily narrow
and
> > thus fussier to adjust.
> >
> > That is pure bs, the passband shift is nowhere as good on the
R-75.
> Are you posting that the passport white papers review about the
> passand shift page 16 is pure bs?

Which white paaper are you quoting now, the imaginary R-75 white paper, or a R8B white paper that doesn't jive with the R8B white paper I have?

Let then know about your research.

I'll be sure and do so.

> > 10.R8B mechanical encoder give some problems.The early encoder in
> the
> > first R8 series was better.

Having owned aR8, R8A aand now a R8B, I haven't noticed any difference in the tuning or the encoders. It may very well have a mechanical encoder...so?

> Everybody with some knowledge about communication receivers
> electronics know that the R8B have a mechanical encoder.Check in RRS

> past records the problems with this R8B mechanic encoders.The
> discontinued R8 have a better one.Why not check your R8B?
> > Hmmmmmm, and you source of information is?? I've owned my R8B for
> over two
> > years, not one problem.
> My source is Passport white papers R8B review and my side by side
> test for 3 weeks.
> > Final commentaries:The R75 have 1hz tunning steps,2 pre-
> amps,tunning
> > range up to 60Mhz,DSP,ANF,TWIN PBT,All for only $600.00,the Drake
> > $1,379 You save about $700.00.
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> > When I bought mine, it was $1,159.95.
> OK $550.00 difference.
> > The sync det problem can be fix with
> > less than $10.00 if you have solder skills.If you want a better
AGC
> > install a $1.00 dollar 220uf cap in pin 4 of the Sync det IC.After
> > the test I sold my R-8B and keep the R-75.

Hey!!!! Again, are you learning disabled or can you not read and
comprehend english???? I have ALL the Kiwa modifications on my R-75.

> >
> > >>
> >
> > Good for you "King of Trolls"....maybe one day I can post
something
> in here
> Your "king of TROLLS" for the R8B fail. Yes when Drake bring the R8C
> with DSP, 2Pre AMPS, tunning in 1hz step up to 60mhz maybe you can
> post something and get good feedback.

What is your hangup over being able to tune to 60mhz? Hell, that's not
in the shortwave spectrum last time I checked.

> > or over in rrs and get good feedback and positive criticism. Not
> just your
> > rants about the R-75 is the greatest receiver ever built. A
> Your rants to put down the R-75 in a R-75 group are a good intent
but
> fail,people here know what they have, not the "KING" but perform
like
> a "king".A lot better after the mods.
> > what the differences were between the stock R-75 and a Kiwa
> modified R-75, I
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> > opinion) with the R8B. Since you have never (admitted by you) had

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> No my oppinion The passport white papers review oppinion too.I am in
> good company.
> > R-75 and a Kiwa modified R-75 to compare, I would suggest you take
> tour
> > fractured syntax and put it where the sun doesn't
> shine......example: "Les
> >
> wroted"
> you take the syntax issue,again because you don't have the facts
> > I got a belly laugh out of that one, I have never "wroted"
anything
> in my
> > life.
> I got a belly laugh too.I "wroted"[hey a sintax problem here] an
> objetive post with the passport review [with the pages numbers].See
> for yourself and forget the R-75 troll.Your R-75 need some good
> mods,I can help with that, and then you can re-test and report to
us.

Earth calling kenneth.......what's the frequency kenneth?????

Once again, (for the learning disabled), I think that my R-75 with the Kiwa modifications is a "GOOD RECEIVER"....I've said so in severaal newsgroups. However, a "STOCK" R-75 SUCKS!!! In my opinion.

Bye kenneth, take your baseless arguments elsewhere, I'll not respond to your poor gr

2074. R8B versus R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-21 16:35:31 UTC
From: atagrasin
Topic: 2074 Message: 2074

> << The Drake R8B is a good receiver but not better than my mod R-
75.In a
> side by side test: 1.The R8B
> Drift by 50 hz or so even after warmup hours
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Check page 14 Passport white papers
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> supply
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> make them out on the R-75, used no. 1 pre amp, just increased the
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Check passport white papers review page 12 and
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2075. Re: R8B versus R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-21 16:45:44 UTC
From: r390auser
Topic: 2074 Message: 2075

rom: "r390auser" <SP600historian@a...>
Date: Sun Jul 21, 2002 4:27 pm
Subject: Re: R-75 with mods vrs R8B

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> discontinued R8 have a better one.Why not check your R8B?
> > Hmmmmmm, and you source of information is?? I've owned my R8B for
> over two
> > years, not one problem.
> My source is Passport white papers R8B review and my side by side
> test for 3 weeks.
> > Final commentaries:The R75 have 1hz tunning steps,2 pre-
> amps,tunning
> > range up to 60Mhz,DSP,ANF,TWIN PBT,All for only $600.00,the Drake
> > $1,379 You save about $700.00.
> >
> >
> >
> > When I bought mine, it was $1,159.95.
> OK $550.00 difference.
> > The sync det problem can be fix with
> > less than $10.00 if you have solder skills.If you want a better
AGC
> > install a $1.00 dollar 220uf cap in pin 4 of the Sync det IC.After
> > the test I sold my R-8B and keep the R-75.

Hey!!!! Again, are you learning disabled or can you not read and
comprehend english???? I have ALL the Kiwa modifications on my R-75.

> >
> > >>
> >
> > Good for you "King of Trolls"....maybe one day I can post
something
> in here
> Your "king of TROLLS" for the R8B fail. Yes when Drake bring the R8C
> with DSP, 2Pre AMPS, tunning in 1hz step up to 60mhz maybe you can
> post something and get good feedback.

What is your hangup over being able to tune to 60mhz? Hell, that's not
in the shortwave spectrum last time I checked.

> > or over in rrs and get good feedback and positive criticism. Not
> just your
> > rants about the R-75 is the greatest receiver ever built. A
> Your rants to put down the R-75 in a R-75 group are a good intent
but
> fail,people here know what they have, not the "KING" but perform
like
> a "king".A lot better after the mods.
> > what the differences were between the stock R-75 and a Kiwa

> modified R-75, I
> > gave my opinion. The you come in and tell everyone what is wrong
> (inyour
> > opinion) with the R8B. Since you have never (admitted by you) had
a
> No my oppinion The passport white papers review oppinion too.I am in
> good company.
> > R-75 and a Kiwa modified R-75 to compare, I would suggest you take
> tour
> > fractured syntax and put it where the sun doesn't
> shine......example: "Les
> >
> wroted"
> you take the syntax issue,again because you don't have the facts
> > I got a belly laugh out of that one, I have never "wroted"
anything
> in my
> > life.
> I got a belly laugh too.I "wroted"[hey a sintax problem here] an
> objetive post with the passport review [with the pages numbers].See
> for yourself and forget the R-75 troll.Your R-75 need some good
> mods,I can help with that, and then you can re-test and report to
us.

Earth calling kenneth.......what's the frequency kenneth?????

Once again, (for the learning disabled), I think that my R-75 with the Kiwa modifications is a "GOOD RECEIVER"....I've said so in severaal newsgroups. However, a "STOCK" R-75 SUCKS!!! In my opinion.

Bye kenneth, take your baseless arguments elsewhere, I'll not respond to your poor gr

2076. Re: R-75 with mods vrs R8B

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-21 17:08:20 UTC
From: r390auser
Topic: 2069 Message: 2076

--- In icomr75@y..., "r390auser" <SP600historian@a...> wrote:
> --- In icomr75@y..., "atagrasin" <k1c2@h...> wrote:
> > --- In icomr75@y..., SP600historian@a... wrote:
> > >
> > > In a message dated 7/21/02 7:51:42 AM, k1c2@h... writes:
> > >
> > > << The Drake R8B is a good receiver but not better than my mod
R-
> > 75.In a
> > > side by side test: 1.The
R8B
> > > Drift by 50 hz or so even after warmup hours
> > > later.
> >
> > > Never noticed that in my R8B..what are you using for a frequency
> > standard to
> > > determine the drift?
> > Check page 14 Passport white papers
> > review
>
> You must have a "special" white paper, my R8B White Paper says no
such
> thing about drift.

Well, well, kenneth, you seem once again to write "half truths"

I found a reference to stability on the R8B in my white paper.
However, it is on page 23..To quote...."Stability after 10-second
warmup, receiver tuned to 10Mhz: 50 hz. Is this the 50 hz you refer to
after "warmup hours" (your fractured quote)? Quite a big difference
between 50 hz after hours vs. 10 seconds isn't there?

SNIP

That pretty much says it all for any credibility on your part as far
as I'm concerned.

Now, take your bogus reports and put them where the sun doesn't shine.

And, your fractured syntax als

2077. Re: R-75 with mods vrs R8B

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-21 19:01:50 UTC
From: atagrasin
Topic: 2069 Message: 2077

> > > > Drift by 50 hz or so even after warmup hours
> > > > later.
> > >
> > > > Never noticed that in my R8B..what are you using for a
frequency
> > > standard to
> > > > determine the drift?
> > > Check page 14 Passport white papers
> > > review
> >
> > You must have a "special" white paper, my R8B White Paper says no
> such
> > thing about drift.
You seem to have a credibility drift now.'l,.I have the white papers
edition 1.1 by Jock elliott,Tony Jones,George zeller,Rob sherwood
Laboratory
and in page 14 they said 'Really rock-solid set are stable ,"the R8B
is NOT IN THIS LEAGUE",If you want the complete quote, See for
yourself.Remember page 14.

Now your the one with "half Truths"> >
Now LES, take your bogus reports and put them where the sun doesn't
shine.

2078. Re: [icomr75] Re: R-75 with mods vrs R8B

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-21 19:06:42 UTC
From: Eric F. Richards
Topic: 2069 Message: 2078

At 05:08 PM 7/21/2002 +0000, r390auser wrote:
>SNIP
>
>That pretty much says it all for any credibility on your part as far
>as I'm concerned.
>
>Now, take your bogus reports and put them where the sun doesn't shine.
>
>And, your fractured syntax als

Was this necessary?

FYI, some of the more "draconian" listowners would boot someone for this alone. While I don't agree, you can certainly see the point when things degenerate to this level.

On topic, you do know that there are multiple versions of the white-papers? So what yours says and what another one says may differ in some areas.

Please, keep it civil.

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2079. Re: [icomr75] Re: R-75 with mods vrs R8B

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-21 19:11:47 UTC
From: SP600historian@aol.com
Topic: 2069 Message: 2079

In a message dated 7/21/02 2:02:36 PM, k1c2@... writes:

<< > > > > Drift by 50 hz or so even after warmup hours
> > > > later.
> > >
> > > > Never noticed that in my R8B..what are you using for a
frequency
> > > standard to
> > > > determine the drift?
> > > Check page 14 Passport white papers
> > > review
> >
> > You must have a "special" white paper, my R8B White Paper says no
> such
> > thing about drift.
You seem to have a credibility drift now.'l,.I have the white papers
edition 1.1 by Jock elliott,Tony Jones,George zeller,Rob sherwood
Laboratory
and in page 14 they said 'Really rock-solid set are stable ,"the R8B
is NOT IN THIS LEAGUE",If you want the complete quote, See for
yourself.Remember page 14.

Now your the one with "half Truths"> >
Now LES, take your bogus reports and put them where the sun doesn't
shine.

Laughing.....You illiterate dufus, you are quoting from the Drake R8
White paper, not the R8B. So much for your credibility once again>

Les

2080. Re: [icomr75] Re: R-75 with mods vrs R8B

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-21 19:14:12 UTC
From: SP600historian@aol.com
Topic: 2069 Message: 2080

In a message dated 7/21/02 2:07:53 PM, efricha@... writes:

<< On topic, you do know that there are multiple versions of the white-papers? So what yours says and what another one says may differ in some areas.

Please, keep it civil. >>

I'll try, but when dealing with a kenneth, it's hard to do.

There is ONE copy of the R8B white paper. kenneth is the resident troll over here and in rrs.

Fire me if you will, but read kenneths posts also. He is a TROLL!

Les Locklear
Gulfport, Ms.
SP-600 Historian
http://www.hammarlund.info/

2081. Re: The Speaker Subject & Other thoughts on the subject (Long)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-21 19:28:59 UTC
From: dawntredereding
Topic: 2011 Message: 2081

I guess it's time that I get into this thread too. As we all realize, the speaker selection is quite subjective and also quite dependent on the types of listening that they are used for. I'm not going to support or refute any of the recommendations given, but just add a few of my own observations on communications speakers. I sailed as a ship's RO, spent several years working for ITT/McKay shoreside, and for the bulk of the past 25 years, in and out of land-mobile service.

For the most part, for broadcast program listening or AM communications (civil aviation), sealed, acoustic suspension speakers have always been the speaker of choice in professional console installations and typically around 5". McKay and Raytheon had installed paneled speakers with a cup-type rear enclosure and the speaker either mounted with some sort of grommet spacers or board. The cup usually had some sort of fiberglass or other acoustic insulation inside. Often the speakers would also be spec'd as "response tailored". I've replaced speakers that had what appeared to be rtv or some other type of compound in a ring just around where the speaker coil was attached to the cone. Others were presumably manufactured for a particular response curve. None of these speakers ever had a giant magnet or any other appearance that would lend you to believe that they were otherwise special or hifi. Other then that, maybe just an L pad. Distribution to the ship was usually via a PA amp and wedge type speakers no larger then 8" also with an L pad.

An RO's job was primarly cw or Sitor, so outside of providing a feed for broadcast entertainment from the ship's main receiver(s) there was rare occasions that SSB recovery was needed. SSB was limited to bridge com's from a seperate transceiver. Some ships had independent, high-powered SSB tranmitter/receiver sets for ship to shore telephone correspondence for crew members that were under the auspices of the RO. These were usually full duplex setups that fed a booth or some point where a telephone type remote was often used. Speakers generally associated with these sets were usually the receiver's panel speaker. Nothing special here. On any Mackay 30xx, Harris, Communication Associates,Motorola(yes folks!) or others, I don't believe that I ever seen anything larger then a 3x5 oval speaker. Some of these radios were noted for some of the best and clearest SSB one ever heard.....no amateur radio equipment that I've ever heard even came close. Surprisingly there was nothing special either about the radio's circuitry besides being an order of magnitude simpler then their multiple conversion amateur cousins and slightly wider filters (2.7 to 3kc). Run the output of one of these receivers or transceivers into a larger, acoustical suspension speaker and the inteligibility suffered dramatically. There was often no acoustical

treatment to these speakers except perhaps a grommet on each corner and a heavy chassis that it was mounted on. For any of those interested, when it came to SSB the best sounding shipboard receivers or transceivers known for their audio had to be: Collins 651s1, Sunair GSR/GSB series, and the Motorola Micom hands down. The stations based on the Harris RF230M transceiver and it's bastard receiver sister proved that an american company could make something that sounded horrible and was best suited as a kluge sitor station.

I never ceased to be surprised that many of the old timers loathed the newer console's receivers. I've been on ships that had a shiny new Mcakay or Raytheon console and the RO was still using the old 50's vintage RCA Radiomarine set with it's CR-88 variant receiver for watch. Why? Not because they were reactionary, simply because you could wear a carbon headset by the hour if you had to without fatigue. Try that on a McKay 3020 or other solid state set and you'd crawl the walls. For program listening, there were a few receivers that were considered ideal and all tube!. The Collins 51s1 (only with the optional 5kc filter installed). There was a commercial repackage of this receiver just for this purpose by LTV-Tempco in a rack mount with a BCB converter. Vintage Super Pro's (400 and 600 ugh!), R-390's and Collins 51jx occasionally were on board.

Back to the speakers. I used to have a 2 speaker McKay panel in my rack that I used to think was the best sounding speaker that I used with my R-390A/TMC sideband slicer and later the dreadful R71a of anything else that I tried. It was superb for AM. I had tried several other bookshelf speakers from Olson, Lafayette, and RS that I borrowed or bought.....until one day I read a review about the early PR0-7 from RS. I bought one with full intention of returning it. For AM it was wonderful! Even my R71a sounded barely listenable on AM now. Mushy though for SSB. This seems to support the observation that heavy acoustic suspension speakers are best for AM and no larger then 6". Over the years I've owned a Heath SB102/Yaesu FT107&901/and the Kenwood 930. All the matching speakers were lousy for SSB or AM by comparison to a little reference that I've owned for years. It's nothing more then a cheap,Ten-tec box with a 3x5" oval speaker in it. I found it at a hamfest for $2. Inside, there's nothing special about it except that the front panel is reinforced with what appears to be a piece of 1/8" inch steel plate and the speaker mounted with fiber spacers. There is a small amount of synthetic insulation inside, probably to counter chassis resonances too. There is a passive audio filter made from a wound torroid and a few 'lytics joined as non-polarized caps. I've added a 2 speaker switch for a/b comparisons and a load to the speaker on/off switch. It's a cheap speaker made for the old Dymek DR line, but it has a "sound" for SSB that excells over anything else and coincidently seems to follow the same patterns that the good sounding commercial ssb units use. I once went out to a fishery/salvage that had an aging Northern SSB transceiver for a shore station. That was being replaced with one of Mckay's bridge sets. The dispatcher/office manager who was also a ham demanded that

I wire in his "special speaker" off the Northern that he swore by. It turned out to be a Tentec made product from their original amateur product line. He was an old coot that had a hearing problem and claimed that he had a problem understanding ssb and this speaker that was his own made the difference between understanding a vessel or not. The speaker was near identical to the one that I have, but in a smaller and taller Tentec enclosure. This one also had a neat audio amp with some sort of AGC loop that could be switched in along with cw filter of sorts. I don't know anything about this speaker other then it was very similar to mine externally, but whatever kind of neat AGC it had made the voices sound thick,compressed, and jump out over the noise. This is one speaker that I would like to find out about just to satisfy my curiosity. If anyone knows what it might have been I'd sure like to know.

Some thoughts. Most of the matching speakers that I've owned except the Kenwood had some buzzing resonances that would make AM listening especially annoying. Those of you that have these might want to try going to radioshack and buy a pack of their acoustic insulation and line the insides. Also try weighting them down. Most are so light nowadays made of sheet aluminum. I've always been impressed with the subtle nature of passive filtering over gyrator or DSP especially for removing amp hiss that can drive you batty with headphones on cw. Nowadays, some of the premium speakers from Yaesu,Kenwood,and Icom already have some variation on this at a cost of near $200 USD!. Try buying a few crossover components from a speaker supply place or canibalize a crossover network from a junked speaker. Series inductance makes a simple low pass and series capacitance high pass. Some standard values that you can try are .5mh and 1.5 mh for the coils and a couple of non-polarized lytics about 22 to 47 mf. Also try mixing and matching them till you find the right eq for your speaker. A box with a few dpst switches that you can switch them in or out of series is a neat little project that can be a valuable adjunct to your ut106 dsp for just a few dollars. For FM, I have to agree with an earlier posting about the Motorola metal speakers of the Motrac and T powered lines. They have to be one of the best along with some of the old military GRC type speakers (remove the transformer in some) for the best FM. Other very similar and good ones are early Motorola hammertone gray relics,General Electric's Progress Line, and Mastr Progress line. These aren't unattractive....they're UGLY, but sonicly very good. Again adding a bit of insulation helps too, especially for the squelch thump/ring. Motorla and GE's injection molded speakers from the Micor/Mitrek & Master 11 lines are pretty decent performers too. The powered Motorola ones used in the convertacoms are quite good for a radio with an anemic output, but have a balanced, low level input to deal with.

Sorry this got so long, but hope somebody finds some use in the ramble.

dt

2082. Re: R-75 with mods vrs R8B

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-21 19:54:06 UTC
From: just_rtfm
Topic: 2069 Message: 2082

a few comments and some data...

how much does a decent external power supply cost? a cheap DSP (MFJ)
runs $240... these things sometimes make the difference when people
purchase.

PLL stability, tuning steps:
R8B 5 ppm, 10 Hz
R75 1 ppm, 1 Hz

sensitivity (SSB):

R8B < 0.25 uV pre ON
R8B 0.20 uV (as measured by Passport)
R75 0.16 uV pre '1' ON (presumably better with pre '2')

Note: from 0.1 - 1.5 MHz R8B spec is < 1.0 uV
Note: from 1.5 - 5.0 MHz R8B spec is < 0.5 uV
Note: from 0.1 - 1.8 MHz R75 spec is 2.0 uV with pre OFF
Note: modded R75 is presumed to be 0.16 uV on MW with pre '1' ON

shape factors (SSB):

drake shape factors: 1:2.09 to 1:2.92 (via passport)
R75 shape factors: 1:3.33 for 6 kHz, 1:1.70 for 2.5 kHz

the ICOM has optional slots if you want tighter filters... such as
the 2.1 kHz filter for voice offered by InRad with 1:1.5 shape and
>90 dB ultimate rejection... not too shabby for $98.

dynamic range:

i could find no good direct comparison but both are very similiar and
what would be considered 'good' at about 100 dB.

much of the stuff above is a wash. i personally bought an R75 for
many reasons including: its small size, the ability to fully control
via RS232... plus i did not see what i would gain for my usage over
the more expensive units. the R75 is great for SSB: dxing, utilities,
hams, or ECSS broadcast reception.

phil :)

2083. The Future of DX Utility

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-21 19:55:53 UTC
From: chrismartin_91344
Topic: 2083 Message: 2083

Hi, Group...
I have been a lurker here for some months, but an SWL'er for many years.
What is the prevailing opinion on the relevance of receivers, such as the R75, as we continue, inexorably, into the digital age?
I am seriously considering the purchase of an R-75, together with a decoder, such as the Universal Radio M-7000, but is there any future in such an investment?
My main interests would be CW, RTTY and WEFAX decoding. Would my investment still be operable in, say, 1 year, or 5 years? Or, in this internet, digital, computerized age, would such a combination of equipment (or similar) be outmoded by new technology in the foreseeable future?
Your views, particularly ones that encourage this investment, would be welcome!!
Chris

2084. Re: [icomr75] Re: R-75 with mods vrs R8B

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-21 20:06:55 UTC
From: SP600historian@aol.com
Topic: 2069 Message: 2084

In a message dated 7/21/02 2:55:22 PM, just_rtfm@... writes:

<< a few comments and some data...

how much does a decent external power supply cost? a cheap DSP (MFJ)
runs $240... these things sometimes make the difference when people
purchase.

PLL stability, tuning steps:
R8B 5 ppm, 10 Hz
R75 1 ppm, 1 Hz

sensitivity (SSB):

R8B < 0.25 uV pre ON
R8B 0.20 uV (as measured by Passport)
R75 0.16 uV pre '1' ON (presumably better with pre '2')

Note: from 0.1 - 1.5 MHz R8B spec is < 1.0 uV
Note: from 1.5 - 5.0 MHz R8B spec is < 0.5 uV
Note: from 0.1 - 1.8 MHz R75 spec is 2.0 uV with pre OFF
Note: modded R75 is presumed to be 0.16 uV on MW with pre '1' ON

SNIP>>>>>

No0w, I don't know about your R-75 manual, but mine states......the following
for sensitivity in AM......yes am, not ssb I don't know of many AM BCB Dx'ers
who listen in ssb."0.1 - 1.8 mhz 5.6 uv....That ios PATHETIC sensitivity
Phil!!

I know, there is a MOD...that's what me and kenneth have been debating for
quite some time now. I hardly ever see a R-75 listed on any of the NRC or
IRCA dx logs. But, R8B's are everywhere.

I stated once already that I believed the Kiwa modified R-75 to be a good
receiver. Every time I post that kenneth pops in with his standard cut and
paste rant about R-75 is "more better", etc.

I'm gone, kenneth is a loser. I have better things to do regarding receivers.

phil :)

>>

2085. Re: R8B versus R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-21 20:17:59 UTC
From: atagrasin
Topic: 2074 Message: 2085

>
> You must have a "special" white paper, my R8B White Paper says no
such
> thing about drift.
The R8b white papers edit 1.1Rob sherwood laboratory,lawrence
magne,jock Elliot,Tony Jones,George Zeller. do you see?Read
Page 14 Really rock-solid sets are stable The R8B is not in this
league.If you want I can send you a copy of this page.
> > > 2.A lot of "Birdies" just above most x.5 points in
> > R8B.
> > "Birdies" problems in the Drake R-8B. Page 14 passport white
papers
> > review.
> > > 3. TheR8B run very hot.I turn off the unit but the the power
> supply
> > > inside the unit keep generating a lot of heat.[No good for
> > sensitive
> > > electronic component]A lot of R8B owners are using a external
> power
> > > supply
> > > now.
> > >
> > >
> > > Hmmmm, I believe that the R-75 has an external supply also.
Right?
> > FWIW, I
> > > have used an external dc power supply for years with many, many
> > receivers.
> > > What's the big deal about that?
> > THe big deal is you pay $1,379 for a receiver and then have to
buy
> an
> > external power supply ,hummmmmmm.
>
> No, I "already had it"...., the other Jap receivers ran cooler with
a
> dc power supply, including the high priced NRD series.
You see?I know what I am talking about.
> > > 4.In sensitivity the R-75 win hands down in the side by side
> test.I
> > > have the sensitivity mod[the improved one] from the files of
this
> > > group.
> > >
> > > The other evening, I was listening to an amateur group on 80

> > meters, couldn't
> > > make them out on the R-75, used no. 1 pre amp, just increased
the
> > noise
> > Sorry but no noise with the use of the 1 pre-amp[very
> clean]everybody
> > in this group know that.
>
> Is that right? And, when was this professionaal poll taken?
Check the past messages for yourself.
> > > level. The R8B heard them just fine with no pre amp.
> > Page 14 passport white papers "The discontinued drake R-7 better
in
> > weak signal reception".With the sensitive mod, 2 pre-amp an the
DSP
> > no way.
>
> I don't believe we are talking about the Drake R7 are we??? But,
you
> change the subject to take the heat off of you, don't you?
No, the true heat is inside the R8B. Yes the drake R7 better in some
very important things than the R8B,no my words the white paper review
people write this. .Re-check again your white papers.
>
> > > determine the sensitivity kenneth? What signal generator,
output
> > meter or did
> > > you use a vtvm or vom? Inquiring minds want to know?
> > Tell me first what you use I have an inquiring mind
> > too.
Fluke 87 and a BK signal generator
I am talking about receivers no about equipment.
> I didn't claim to have sensitivity figures. You are quoting from
some
> obscure article
With all this equipment that you claim you have you don't have the
sensitivity figures?
hi
>the R-75 sensitivity would put the mds well below the noise floor.
Wrong again ,all depend of the noise floor of the receiver you are
using.About your laboratory I working in a shop[I don't call it
laboratory this is a shop for repair and calibrate communication
receivers, with all the test equipments.But truly is "not the arrow
but the indian".
> what good is that sort of sensitivity? Invalid argument by you once
> again.
>
In my side by side test the R-75 versus R8B the R-75 more sensitivity
This is my fact.Number ?I go to wait for your numbers from your
laboratory and then compare with my numbers.Please bring your

numbers.
> > > 5. The ultimate selectivity filters skirt of the R8B no razor
> > > sharp.The R8B use simple LC filtering.The old drake R-7 haved
> > better
> > > use better filters.
> > >
> > > And, the shape factors on the R-75 are.......???
> > Check passport white papers review page 12 and
> > 13
>
> Are you saying that you have a "White Paper on the R-75"? If so, it
is
> the only one in existence. If you are quoting your white paper on
the
> R8B. there is no reference to filter shape facotrs on pages 12 and
13.
Check again pages 12 AND 13.Do you want a copy of this pages?
> > > 6.R-75 Dynamic range surpass the R8B.
> >
> > >
> > > Proof please, not just a statement.
> > Proof R8B din range 75DB to 89 DB Page 133 passport to world band
> > radio. R-75 dinamic range 105 DB .
>
> What in hell is dinamic range??? At what point was it measured? 20
khz
> or 5 khz. Or, are you quoting someone else once again?
Read passport to worldband radio [2002] page 133.
> > > 7.R8B have a 10 years old circuit with some improvements.
> > >
> > > And, the R-75 chip is how old??
> > I am talking about circuits not about 1 IC or chip.
>
> Let me re phraase it then, are not circuits in the R-75 also old?
NO
> > > 8.R8B bassy sound,no good for dxing[You need an external
speaker]
> > The
> > > R75 too need an external speaker.
> > >
> > > I don't believe that anyone is dx'ing without an external
speaker.
> > >
> > > 9.Passband usable tunning sweep in the R8B unnecessarily narrow
> and
> > > thus fussier to adjust.
> > >
> > > That is pure bs, the passband shift is nowhere as good on the
> R-75.
> > Are you posting that the passport white papers review about the

> > passand shift page 16 is pure bs?
>
>
> Which white paaper are you quoting now, the imaginary R-75 white
> paper, or a R8B white paper that doesn't jive with the R8B white
paper
> I have?
Check page 16 in "Passband offset interference" no, no, in my
imagination you have to look in the white papers.

> > > 10.R8B mechanical encoder give some problems.The early encoder
in
> > the
> > > first R8 series was better.
>
> Having owned aR8, R8A aand now a R8B, I haven't noticed any
difference
> in the tuning or the encoders. It may very well have a mechanical
> encoder...so?
You are lucky...But a lot of owners post about encoder problems in
RRS [check the past posts archives]write "R8B encoder problems" and
then search.
>
> > Everybody with some knowledge about communication receivers
> > electronics know that the R8B have a mechanical encoder.Check in
RRS
> > past records the problems with this R8B mechanic encoders.The
> > discontinued R8 have a better one.Why not check your R8B?
> > > Hmmmmmm, and you source of information is?? I've owned my R8B
for
> > over two
> > > years, not one problem.
> > My source is Passport white papers R8B review and my side by side
> > test for 3 weeks.
> > > Final commentaries:The R75 have 1hz tunning steps,2 pre-
> > amps,tunning
> > > range up to 60Mhz,DSP,ANF,TWIN PBT,All for only $600.00,the
Drake
> > > $1,379 You save about $700.00.
> > >
> > >
> > >
> > > When I bought mine, it was $1,159.95.
> > OK $550.00 difference.
> > > The sync det problem can be fix with
> > > less than $10.00 if you have solder skills.If you want a better
> AGC
> > > install a $1.00 dollar 220uf cap in pin 4 of the Sync det
IC.After
> > > the test I sold my R-8B and keep the R-75.

>
>
> Hey!!!! Again, are you learning disabled or can you not read and
> comprehend english???? I have ALL the Kiwa modifications on my R-75.
Kiwa CO are no doing the sensitivity mod[the advance one]And my sync
det mod use a 399 comparator.I have a 3.3khz and 3.8 filter and other
mods.I did this mods myself,and for your inf I have all the kiwa
mods.Are you learning disable or can you not read and comprend that
you are talking with a Electronic service technician and manager for
30 years.
Every day for 30 years repairing ham transceivers, scanners or a
shortwave receivers?
> > >
> > > Good for you "King of Trolls"....maybe one day I can post
> something
> > in here
> > Your "king of TROLLS" for the R8B fail. Yes when Drake bring the
R8C
> > with DSP, 2Pre AMPS, tunning in 1hz step up to 60mhz maybe you
can
> > post something and get good feedback.
>
>
>
> What is your hangup over being able to tune to 60mhz? Hell, that's
not
> in the shortwave spectrum last time I checked.
Yes, truly is not shortwave spectrum.For the R8B vhf convertor you
need to spend $270.00 more and for a DSP $270.00
>
>
> > > or over in rrs and get good feedback and positive criticism.
Not
> > just your
> > > rants about the R-75 is the greatest receiver ever built. A
> > Your rants to put down the R-75 in a R-75 group are a good intent
> but
> > fail,people here know what they have, not the "KING" but perform
> like
> > a "king".A lot better after the mods.
> > > what the differences were between the stock R-75 and a Kiwa
> > modified R-75, I
> > > gave my opinion. The you come in and tell everyone what is
wrong
> > (inyour
> > > opinion) with the R8B. Since you have never (admitted by you)
had
> a
> > No my oppinion The passport white papers review oppinion too.I am
in

> > good company.
> > > R-75 and a Kiwa modified R-75 to compare, I would suggest you
take
> > > you take the syntax issue,again because you don't have the facts
> > > I got a belly laugh out of that one, I have never "wroted"
> anything
> > in my
> > > life.
.Your R8B need some good
> > mods,I can help with that, and then you can re-test and report to
> us.
>
>
> Earth calling LES.......what's the frequency LES?????
>
> Once again, (for Les the learning disabled), I think that my R-75
with the
> Kiwa modifications and other mods is a is better than the R8B.>
newsgroups. However, a "STOCK" R-75 SUCKS!!! In my opinion.
>Yes only "your oppinion.
> Bye Les take your baseless arguments elsewhere, I'll not respond
> to your poor arguments.
Why no listen to your R8B radio and be happy.

2086. Re: [icomr75] Re: R-75 with mods vrs R8B

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-21 20:20:28 UTC
From: Rik van Riel
Topic: 2069 Message: 2086

On Sun, 21 Jul 2002 SP600historian@... wrote:

> There is ONE copy of the R8B white paper. kenneth is the resident troll
> over here and in rrs.
>
> Fire me if you will, but read kenneths posts also. He is a TROLL!

Then why are you feeding him ? ;)

<ObR75> What kind of antenna would you recommend for long, medium and
tropical band usage ? My 15 meter, home-brew T2FD works great between
4 and 40 MHz, but below that sensitivity really drops off.

I'm looking for an easy to construct antenna that works well mostly
below 500 kHz (where my T2FD is "deaf") and that doesn't need to be
re-tuned every time I punch a different frequency into my R75 </ObR75>

regards,

Rik
--
Bravely reimplemented by the knights who say "NIH".

http://www.surriel.com/ http://distro.conectiva.com/

2087. Re: R-75 with mods vrs R8B

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-21 20:51:32 UTC
From: atagrasin
Topic: 2069 Message: 2087

> I'll try, but when dealing with a kenneth, it's hard to do.
>
> There is ONE copy of the R8B white paper. kenneth is the resident troll over
> here and in rrs.
>
> Fire me if you will, but read kenneths posts also. He is a TROLL!
HI Les:YOu e-mail me and write:
Laughing.....You illiterate dufus, you are quoting from the Drake R8
White paper, not the R8B. So much for your credibility once again>

Les send me an E-mail that read: Laughing.....You illiterate dufus, you are quoting from the Drake R8
White paper, not the R8B. So much for your credibility once again>

Les
Hey
Les stop your false argument .My white papers are for the drake R8B not for the R8 ok? Are you are listen?DRAKE R8B edition 1.1 Do you want a copy?Send your address and shipping charges.Who is the illiterate dufus now?.Laughting....What about the numbers and specification that Phil post right now? You seem to ignore them.So much for your credibility once again.

2088. Re: [icomr75] Re: The Speaker Subject & Other thoughts on the subject (Long)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-21 21:28:29 UTC
From: Bob Parnass, AJ9S
Topic: 2011 Message: 2088

Very interesting and thoughful posting.
Thanks, DT.

On Sunday 21 July 2002 02:28 pm, dawntredereding wrote:
> I'm not going to
> support or refute any of the recommendations given, but just add a
> few of my own observations on communications speakers. I sailed as a
> ship's RO, spent several years working for ITT/McKay shoreside, and
> for the bulk of the past 25 years, in and out of land-mobile service.

--
==========
Bob Parnass, AJ9S Linux User http://parnass.com

2089. Re: R-75 with mods vrs R8B

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-21 21:56:15 UTC
From: just_rtfm
Topic: 2069 Message: 2089

why do AM dxers not use SSB? it is sensitive and allows for adjacent interference rejection.

phil :)

2090. Re: [icomr75] Re: R-75 with mods vrs R8B

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-21 22:21:00 UTC
From: SP600historian@aol.com
Topic: 2069 Message: 2090

In a message dated 7/21/02 4:56:59 PM, just_rtfm@... writes:

<< why do AM dxers not use SSB? it is sensitive and allows for adjacent interference rejection.

phil :) >>

I said AM BCB Dx'ers. On the medium wave band, the frequencies are 10 khz apart, so no need for ssb Phil.

This will be my last post, that kenneth is a illiterate jerk.

I tried to sshow some objective reports here and on rrs. But kenneth keeps on with his cut and paste rants.

Life is too short to put up with jerks like him.

Les Locklear
Gulfport, Ms.
SP-600 Historian
http://www.hammarlund.info/

2091. Re: R-75 with mods vrs R8B

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-21 22:47:55 UTC
From: atagrasin
Topic: 2069 Message: 2091

This will be not be my last post, Les is a illiterate jerk.

I tried to show some objective reports here and on rrs. But Les keeps on
with his cut and paste rants.

Life is too short to put up with jerks like him.

2092. Re: R-75 with mods vrs R8B

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-21 22:54:04 UTC
From: craigm55901
Topic: 2069 Message: 2092

--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> why do AM dxers not use SSB? it is sensitive and allows for adjacent
> interference rejection.
>
> phil :)

Phil,

Many that DX the AM broadcast bands are using radios with just AM. For example, the GE Superadio and CC Radio. These don't have SSB.

Since most SW radios attenute the broadcast band, unmodified, they are not also the best performers.

A straight AM or AM/FM radio is also cheaper.

Craig

2093. Re: The Future of DX Utility

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-21 22:55:34 UTC
From: just_rtfm
Topic: 2083 Message: 2093

hi Chris:

have you considered using your PC for decoding? just hook the audio out jack into your soundcard's input. my R75 cookbook (located in the files section) goes over the software i use for digital transmissions... lots of freeware/shareware programs exist! i cannot see this stuff changing all that much in the coming years and if it does someone will just release updated software! you cannot go wrong with the R75 for utilities. the R75 is great on SSB and lets face it everything can be received using SSB.

phil :)

2094. Re: R8B versus R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-21 23:15:55 UTC
From: just_rtfm
Topic: 2074 Message: 2094

> However, a "STOCK" R-75 SUCKS!!! In my opinion.

LOL. what next? visit the Elvis Yahoo Group and post "THE KING SUCKS"?

phil :p

2095. RE: [icomr75] R-75 with mods vrs R8B

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-22 00:25:52 UTC
From: Bob Barr
Topic: 2069 Message: 2095

None of the pluses you give the R-75 over a R-8B have anything to do with the usual mods. So...a stock R-75 seems to stack up fine with the R-8B, especially given that it is half the price. I guess an unmodified R-75 doesn't "suck" after all like someone recently mentioned here. But then again, I already knew that. As I have said before, a R-75 does not have to be "mod'ed" to be a great receiver.

Regards,
Bob
-----Original Message-----
From: atagrasin [mailto:k1c2@...]
Sent: Sunday, July 21, 2002 8:51 AM
To: icomr75@yahoogroups.com
Subject: [icomr75] R-75 with mods vrs R8B

The Drake R8B is a good receiver but not better than my mod R-75.In a side by side test: <message snipped>..... .After the test I sold my R-8B and keep the R-75.

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[Non-text portions of this message have been removed]

2096. RE: [icomr75] R-75 with mods vrs R8B

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-22 00:32:05 UTC
From: Bob Barr
Topic: 2069 Message: 2096

I had a Drake SW-2 for a couple of years. It uses the same tuning encoder as the R-8B. Mine failed 3 months out of the 1 year warranty period. Cost me over $100 dollars to get fixed including the shipping costs. I have heard from several other SW-2 owners of this same problem, so there is some truth to this statement.

Regards,
Bob
-----Original Message-----
From: SP600historian@... [mailto:SP600historian@...]
Sent: Sunday, July 21, 2002 9:31 AM
To: k1c2@...; icomr75@yahoogroups.com
Subject: Re: [icomr75] R-75 with mods vrs R8B

<message snipped>

Hmmmmmm, and you source of information is?? I've owned my R8B for over two years, not one problem.

[Non-text portions of this message have been removed]

2097. Re: [icomr75] Re: R-75 with mods vrs R8B

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-22 00:44:56 UTC
From: Radostin Danev
Topic: 2069 Message: 2097

People ... please!

The R75 group is moderated unlike RRS. If this discussion continues in the way it is I will ban the "discussers".

It is in no way helpful or entertaining to most of the list members.

Please, be polite.

Rado

2098. RE: [icomr75] The Future of DX Utility

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-22 00:51:01 UTC
From: Bob Barr
Topic: 2083 Message: 2098

Chris,

I would not let the fact that many utility comms are going digital stop you from buying a R-75. In fact, it reinforces your decision. The R-75 is a great ute receiver. The difference will be, instead of using a hardware decoder like the Universal, you will use a PC. For every digital mode out there, there is software to decode it (except encrypted comms of course.) Best of all, much of the software is freeware or inexpensive shareware. I presume that if and when shortwave broadcast stations start using digital (e.g. DRM) a software decoder will be available for that too. So, get the R-75 and enjoy!

Regards,
Bob
-----Original Message-----
From: chrismartin_91344 [mailto:bd094@...]
Sent: Sunday, July 21, 2002 3:56 PM
To: icomr75@yahoogroups.com
Subject: [icomr75] The Future of DX Utility

Hi, Group...
I have been a lurker here for some months, but an SWL'er for many years.
What is the prevailing opinion on the relevance of receivers, such as the R75, as we continue, inexorably, into the digital age?
I am seriously considering the purchase of an R-75, together with a decoder, such as the Universal Radio M-7000, but is there any future in such an investment?
My main interests would be CW, RTTY and WEFAX decoding. Would my investment still be operable in, say, 1 year, or 5 years? Or, in this internet, digital, computerized age, would such a combination of equipment (or similar) be outmoded by new technology in the foreseeable future?
Your views, particularly ones that encourage this investment, would be welcome!!
Chris

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[Non-text portions of this message have been removed]

2099. Re: FL-102 for R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-22 03:35:33 UTC
From: manabu662001
Topic: 2005 Message: 2099

Dear Members,
I found a problem about my FL-102 installed in R75.

The FL-102,which has a center frequency of 9.010MHz. But,
I installed it in pretext of FL-103. The center of FL-103 is
9.0115MHz, so R75 automatically compensates 1.5kHz difference
when FL-103 used as AM-N.
BUT, R75 also compensates 1.5kHz as to my FL-102.
I told a lie to R75, not FL-103, truely FL-102.
But R75 is HONEST.

What is the matter?

On my R75 with FL-102, the center of 9MHz IF is shifted for 1.5kHz
due to the already mentioned compensation.
So, the passband is shifted lower about 1.5kHz. This kills some of
effect of TWIN-PBT.

Collection is possible with manual-calibration of TWIN-PBT, but this
is dreadful.

FL-102 itself is a good filter, but installation to R75 is somewhat
difficult. So, NOT RECOMMENDED.

Sorry, gentlemen.

Manabu Doi,
a SWL in Okayama Japan

2100. Re: R-75 with mods vrs R8B

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-22 04:24:50 UTC
From: jim_hack
Topic: 2069 Message: 2100

So, I've been doing wrong? (using SSB for AM DX'ing)
If it works, I use it. It does. I do... How's that P.R.C. doing Phil?

-- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> why do AM dxers not use SSB? it is sensitive and allows for
adjacent
> interference rejection.
>
> phil :)

2101. Re: R-75 with mods vrs R8B

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-22 04:32:25 UTC
From: jim_hack
Topic: 2069 Message: 2101

Thank you. I unsubscribed from RRS for just this reason. We don't need another Rec.Radio.Shortfuse!

-- In icomr75@y..., "Radostin Danev" <rado@n...> wrote:
> People ... please!
>
> The R75 group is moderated unlike RRS. If this discussion continues in the
> way it is I will ban the "discussers".
>
> It is in no way helpful or entertaining to most of the list members.
>
> Please, be polite.
>
> Rado

2102. New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-22 12:12:26 UTC
From: icomr75@yahoogroups.com
Topic: 242 Message: 2102

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the icomr75
group.

File : /Program/r75.zip
Uploaded by : antoinerenier <antoine.bureau@...>
Description :

You can access this file at the URL

http://groups.yahoo.com/group/icomr75/files/Program/r75.zip

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

antoinerenier <antoine.bureau@...>

2103. Re: [icomr75] Re: R-75 with mods vrs R8B

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-22 14:32:12 UTC
From: Moxie3
Topic: 2069 Message: 2103

Thank you Rado; let us all move on to what this group is all about.

George
----- Original Message -----
From: Radostin Danev
To: icomr75@yahoogroups.com
Sent: Sunday, July 21, 2002 7:44 PM
Subject: Re: [icomr75] Re: R-75 with mods vrs R8B

People ... please!

The R75 group is moderated unlike RRS. If this discussion continues in the
way it is I will ban the "discussers".

It is in no way helpful or entertaining to most of the list members.

Please, be polite.

Rado

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[Non-text portions of this message have been removed]

2104. Re: [icomr75] Re: The Future of DX Utility

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-22 17:38:21 UTC
From: Zacharias Liangas
Topic: 2083 Message: 2104

One of trhe best and cheap decoders is Radaio Raft (a DOS program)
About Eu 30 , requires external decoder . INterface schematics included in
the help files.

Another great RTTY decoding software is True TTY (www.dxsoft.com)
operating under Windows . It gives the best results even under relatively
diverse condintions. You must have soundcard to perate it .

On 21 Jul 2002 at 22:55, you wrote:

> hi Chris:
>
> have you considered using your PC for decoding? just hook the audio
> out jack into your soundcard's input. my R75 cookbook (located in the
> files section) goes over the software i use for digital
> transmissions... lots of freeware/shareware programs exist! i cannot
> see this stuff changing all that much in the coming years and if it
> does someone will just release updated software! you cannot go wrong
> with the R75 for utilities. the R75 is great on SSB and lets face it
> everything can be received using SSB.
>
> phil :)
>
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

---
pen-DX sejak 72 - anggota World-DX-Club 2104,Play DX, dll
PP: R75/HF150/MVT7100/D2935 + 16m/1x1 +
MFJ16010/1040/1025/752c/462
http://www.geocities.com/zliangas/
/trip2k.htm (dlm Bkk,SNG,BAli) /MP3_comp.htm comparison Xing/Fastenc
/napa.htm crash test Napa DAV315 MP3 player

2105. dxing dreams

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-22 19:22:24 UTC
From: philberttroy
Topic: 2105 Message: 2105

The lottery here in washington state is now climbing to 30 mega
bucks so I thought I might share my plans after I win with the rest
of the group.
I plan on sending plane tickets to RADO and PHIL and BOB.
Then I shall proceed to convene a super dx symposium with these guys
and CRAIG from KIWA.
Almost forgot....MR SHERWOOD would need to be here too to make sure
all the se-3s were hooked up and working correctly.
During this two day period I will get their help in installing my
new TEN-TEC 340's.....and ICOM 9000's.
I will also be putting in 4 more ic-r75s in every room....fully
modified of course.
Then we will all move to the roof to install a battery of various
antennas including my new phased array system.
The second day will be for writing and installing new digital
cracking software and radio control options.
Then I will compensate these men with generous ammounts of cash and
send them on their way with my thanks.
With this super shack system in place and functioning I will never
miss my favorite programs on shortwave again regardless of
conditions.........DR Gene Scott and the continuous opera from the
RADIO FREE ASIA jammers........hahahahahaha.
You people will notice that I refrained from including any mention
of my new female knob twiddling assistants in the previous discourse.
hahaha
I just thought the time was right for a bit of humor in this group.
thanks for your time
Phil

2106. Re: [icomr75] dxing dreams

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-22 19:32:24 UTC
From: Mark J. Fine
Topic: 2105 Message: 2106

From: "philberttroy" <philberttroy@...>
> The second day will be for writing and installing new digital
> cracking software and radio control options.

Gee, where's my cut?

73,

Mark J. Fine / mark.fine@...
Remington, Virginia, USA

Serving the Shortwave Community since 1988:
- Owner/Proprietor, FineWare: http://www.fineware-swl.com
- East Coast Monitor, Monitoring Times: http://www.grove-ent.com
- English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa

2107. Re: The Speaker Subject & Other thoughts on the subject (Longer :o)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-22 21:20:38 UTC
From: radiohighfreq
Topic: 2011 Message: 2107

DT,

Well written and detailed.
What more could I add...
But, I Will :o)
.
It is my understanding there are two major types of speakers:
* High Efficiency Speakers Circa (1920 to date).
+ Good Audio Quality at normal listening levels.
+ Reasonable Dynamic Range.
+ Relativity Low Power Input Requirements.
+ Highly durable and easily maintained.
- - - vice - - -
* Low Efficiency Speakers Circa (1960 to date).
+ Superior Audio Quality at high listening levels.
+ Extended Dynamic Range (Lower Lows & Higher Highs).
+ Higher Power Input Requirements for normal listening levels.
.
Most, military, industrial and communications gear use:
+ Well designed Audio Amplifier Circuits that average 3.5 watts and do not exceed 5 watts.
+ These circuits are functional and efficient.
+ These circuits are designed to drive high efficiency speakers.
- When a Low Efficiency Speaker is connected to one of these 3.5 watt amplifiers the amplifier has only marginal power to drive a 20-50 watt nominally rate speaker that may have a peak rating of 50-100 watts. Note: Trying to do so at maximum output for extended periods of time may cause damage to the audio amplifier circuit.
.
Most quality consumer audiophile gear use:
+ Very well designed Audio Amplifier Circuits that average 50 watts per channel and offend exceed
150 watts.
+ These circuits are exceedingly functional and very in-efficient.
+ These circuits are designed to drive low efficiency speakers at very high sound levels near maximum power.
- When a Low Efficiency Speaker is connected to one of these 50 watt amplifiers and the amplifier is turned up to the maximum; you Blow Out the Speaker. Note: The audio amplifier circuit usually is not harmed.
.
You bring up a good point about the cup back speakers and well designed simple speaker enclosures that are solidly built. If you look at the old european designed and manufactured table radios by Grundig and others. You find specific low efficiency speakers for

high and low tones (sometimes several) with cup-backs; cross over
circuits placed in solidly built radio cases. These are the radios
that most people remember and praise for the quality and depth of
there sound.
.
Your advise on how to improve the average 'matching speaker' that is
marketed as an accessory for most consumer grade radio gear is worth
noting and acting on. My Kenwood SP-430 is basically a 3.5" high
efficiency speaker in a hollow tin box that 'matches' my R-5000. But
is it worth the $100 to $150 that most manufactures charge for a
'matching' speaker with a Brand Name on it?
.
Back to My Hunt for one of the old Grove Speakers on eBay. These
"Reportedly" were Top Rated as a Communications Speaker: Speaker;
Enclosure and Filters. They were discontinued and use to be in Texas
of all places. Last one I saw on eBay bid out for $200+.
.
well that's my double nickels worth ~ RHF
.
- - - In icomr75@y..., "dawntredereding" <seapeace@h...> wrote:
> I guess it's time that I get into this thread too. As we all
realize,
> the speaker selection is quite subjective and also quite dependent
on
> the types of listening that they are used for. I'm not going to
> support or refute any of the recommendations given, but just add a
> few of my own observations on communications speakers. I sailed as a
> ship's RO, spent several years working for ITT/McKay shoreside, and
> for the bulk of the past 25 years, in and out of land-mobile
service.
>
> For the most part, for broadcast program listening or AM
> communications (civil aviation), sealed, acoustic suspension
speakers
> have always been the speaker of choice in professional console
> installations and typically around 5". McKay and Raytheon had
> installed paneled speakers with a cup-type rear enclosure and the
> speaker either mounted with some sort of grommet spacers or board.
> The cup usually had some sort of fiberglass or other acoustic
> insulation inside. Often the speakers would also be spec'd
> as "response tailored". I've replaced speakers that had what
appeared
> to be rtv or some other type of compound in a ring just around where
> the speaker coil was attached to the cone. Others were presumably
> manufactured for a particular response curve. None of these speakers
> ever had a giant magnet or any other appearance that would lend you
> to believe that they were otherwise special or hifi. Other then
that, maybe just an L pad.
.
.

.
It's nothing more then a cheap,Ten-tec box with a 3x5" oval speaker in
it.
> I found it at a hamfest for $2. Inside, there's nothing special
about
> it except that the front panel is reinforced with what appears to be
> a piece of 1/8" inch steel plate and the speaker mounted with fiber
> spacers. There is a small amount of synthetic insulation inside,
> probably to counter chassis resonances too. There is a passive audio
> filter made from a wound torroid and a few 'lytics joined as non-
> polarized caps.
.
.
.
> Some thoughts. Most of the matching speakers that I've owned except
> the Kenwood had some buzzing resonances that would make AM listening
> especially annoying. Those of you that have these might want to try
> going to radioshack and buy a pack of their acoustic insulation and
> line the insides. Also try weighting them down. Most are so light
> nowadays made of sheet aluminum. I've always been impressed with the
> subtle nature of passive filtering over gyrator or DSP especially
for
> removing amp hiss that can drive you batty with headphones on cw.
> Nowadays, some of the premium speakers from Yaesu,Kenwood,and Icom
> already have some variation on this at a cost of near $200 USD!. Try
> buying a few crossover components from a speaker supply place or
> canibalize a crossover network from a junked speaker. Series
> inductance makes a simple low pass and series capacitance high pass.
> Some standard values that you can try are .5mh and 1.5 mh for the
> coils and a couple of non-polarized lytics about 22 to 47 mf. Also
> try mixing and matching them till you find the right eq for your
> speaker. A box with a few dpst switches that you can switch them in
> or out of series is a neat little project that can be a valuable
> adjunct to your ut106 dsp for just a few dollars. For FM, I have to
> agree with an earlier posting about the Motorola metal speakers of
> the Motrac and T powered lines. They have to be one of the best
along
> with some of the old military GRC type speakers (remove the
> transformer in some) for the best FM. Other very similar and good
> ones are early Motorola hammertone gray relics,General Electric's
> Progress Line, and Mastr Progress line. These aren't
> unattractive....they're UGLY, but sonicly very good. Again adding a
> bit of insulation helps too, especially for the squelch thump/ring.
> Motorla and GE's injection molded speakers from the Micor/Mitrek &
> Master 11 lines are pretty decent performers too. The powered
> Motorola ones used in the convertacoms are quite good for a radio
> with an anemic output, but have a balanced, low level input to deal
> with.
>
> Sorry this got so long, but hope somebody finds some use in the

> ramble.
>
> dt

2108. A Wonder Forum to "Sing the Praises" of the Icom IC-R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-22 22:17:37 UTC
From: radiohighfreq
Topic: 2108 Message: 2108

This is a Wonder Forum to "Sing the Praises" of the Icom IC-R75 and share our personal and collective experiences in dealing with the R75's shortcomings and faults.

.

The "Tone" of this eGroup should be generally Positive with respect to the R75.

.

Individuals should not be 'Attacked', 'Denigrated' and 'Bullied' - Period.

.

The Term "JAP" along with other words to many Asians is just like the "N" Word; and simple should not be used in a "Public Forum" like a Yahoo eGroup.

For those Who are Interested and Wish to "Sing the Praises of the Drake R8". There is a Yahoo eGroup that is 'Dedicated' to the 'Amazing' RL Drake R8 Series Receivers. All Versions!

.

eGroup Name: "draker8"

.

Focus: Drake R8 Shortwave Receiver Group

.

Link: http://groups.yahoo.com/group/draker8/

.

Members: 40

.

Started: November 2001

.

old inspectors never die: they simply check-out ~ RHF

.

Support TIPS - Join America's Home Guard !

.

\UWS+GBA/

.

2109. Mark's Cut

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-22 22:59:31 UTC
From: philberttroy
Topic: 2109 Message: 2109

From: "philberttroy" <philberttroy@h...>
> The second day will be for writing and installing new digital
> cracking software and radio control options.

Gee, where's my cut?

73,

Mark J. Fine / mark.fine@f...
Remington, Virginia, USA

Saving the best for last of course.....all fine tuning would be left to the venerable Mark J. Fine.

(Hey Mark I think I still owe you for that 8500 program...send me an e-mail on that. I will also owe you for that cheeseburger I ate last Tuesday...hahaha)

Anyone hearing anything exotic lately???
I have some pretty bad noise levels up here.....to the point that the discone actually does better than the wires.

Appreciate it if any of you gentlemen and ladies would share a quick log for compairison purposes only, not to be retransmitted without the express written consent of the commisioner Sir Rado.

Phil

2110. Re: [icomr75] Mark's Cut

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-22 23:22:18 UTC
From: Rik van Riel
Topic: 2109 Message: 2110

On Mon, 22 Jul 2002, philberttroy wrote:

> Anyone hearing anything exotic lately???
> I have some pretty bad noise levels up here.....to the point that
> the discone actually does better than the wires.

Same here (Curitiba, south of Brazil). I'm using a 15 meter
home-brew T2FD.

A few months ago (before I had my R75) I used to listen to
various weak stations on the 90 meter band, now I'm lucky
to hear Radio Sonder Grense on 3320 kHz!

Pretty frustrating when you keep into account that my old
radio is a Sony 7600G and the R75 is now receiving less
stations...

OTOH, I _am_ able to listen to Radio Cacique on 2470.9 kHz.

regards,

Rik
--
Bravely reimplemented by the knights who say "NIH".

http://www.surriel.com/ http://distro.conectiva.com/

2111. Re: dxing dreams

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-23 00:29:45 UTC
From: just_rtfm
Topic: 2105 Message: 2111

hi Phil:

sounds like a good plan to me! :D just make sure to invite the big cheese... Mr. Tokuzo Inoue! maybe he'll tell us what ICOM has in store next.

phil :)
btw, nice name :D

2112. Re: The Speaker Subject Att: RHF/Grove Speaker

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-23 02:59:36 UTC
From: dawntredereding
Topic: 2011 Message: 2112

That Grove speaker that you're inquiring about, was it called the SP-200(x) Ca.~1990 ? Was this Bob Grove's speaker that a built in audio amp,audio filter,tape recorder activator,and squelch circuit in a walnut enclosure?

Re: the audio amp stages in mil/commercial hf receivers. I don't believe that the most powerful spec'd amp that I ever seen in a Transceiver/receiver was more then 5 watts. The only reason for that power level was the amp's were alternately used for intercom and provided audio between the main unit and a remote(s). Typically most were no more then 3 watts. Despite the availability of audio IC's, virtually every manufactuer besides Sunair had a discrete push-pull comp/sym amp that I ever worked on. I got thinking today about some of the major differences between design topologies between commerical and amateur products and it would be an interesting post if anyone might be interested.

dt

> .
> Back to My Hunt for one of the old Grove Speakers on eBay. These
> "Reportedly" were Top Rated as a Communications Speaker: Speaker;
> Enclosure and Filters. They were discontinued and use to be in
Texas
> of all places. Last one I saw on eBay bid out for $200+.
> .
> well that's my double nickels worth ~ RHF
> .

2113. Re: The Speaker Subject Att: RHF/Grove Speaker

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-23 10:56:51 UTC
From: radiohighfreq
Topic: 2011 Message: 2113

DT,
.
YES - You Got It !
Bob Grove's "SP-200*" Speaker.
.
The 'Magic Words' Grove SP-200* Speaker and a web search brought up
the following link that is 'On Topic' as to the audio requirements of
SWL and Ham Radio Listeners and their desire for intelligent quality
sound.
.
http://www.anarc.org/naswa/issues/0997/equip0997.html
Read the first paragraph and you will read the complete page.
.
back to the cryogenic chamber ~ RHF
.
- - - In icomr75@y..., "dawntredereding" <seapeace@h...> wrote:
> That Grove speaker that you're inquiring about, was it called the
SP-
> 200(x) Ca.~1990 ? Was this Bob Grove's speaker that a built in audio
> amp,audio filter,tape recorder activator,and squelch circuit in a
> walnut enclosure?
>
> Re: the audio amp stages in mil/commercial hf receivers. I don't
> believe that the most powerful spec'd amp that I ever seen in a
> Transceiver/receiver was more then 5 watts. The only reason for that
> power level was the amp's were alternately used for intercom and
> provided audio between the main unit and a remote(s). Typically most
> were no more then 3 watts. Despite the availability of audio IC's,
> virtually every manufactuer besides Sunair had a discrete push-pull
> comp/sym amp that I ever worked on. I got thinking today about some
> of the major differences between design topologies between
commerical
> and amateur products and it would be an interesting post if anyone
> might be interested.
>
> dt
>
>
>
> > .
> > Back to My Hunt for one of the old Grove Speakers on eBay. These
> > "Reportedly" were Top Rated as a Communications Speaker: Speaker;
> > Enclosure and Filters. They were discontinued and use to be in
> Texas
> > of all places. Last one I saw on eBay bid out for $200+.

> > .
> > well that's my double nickels worth ~ RHF
> > .

2114. Re: [icomr75] A Wonder Forum to "Sing the Praises" of the Icom IC-R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-23 15:50:17 UTC
From: Electronics Repairs
Topic: 2108 Message: 2114

So whats the point? A Racial SLurred Free group?
The Catcher in a Baseball games says "I calls them, Like I see's them."

==========

--- radiohighfreq <rhf-mail@...> wrote:
> This is a Wonder Forum to "Sing the Praises" of the Icom IC-R75 and
> share our personal and collective experiences in dealing with the
> R75's shortcomings and faults.
> .
> The "Tone" of this eGroup should be generally Positive with respect to
> the R75.
> .
> Individuals should not be 'Attacked', 'Denigrated' and 'Bullied' -
> Period.
> .
> The Term "JAP" along with other words to many Asians is just like the
> "N" Word; and simple should not be used in a "Public Forum" like a
> Yahoo eGroup.
>
> For those Who are Interested and Wish to "Sing the Praises of the
> Drake R8". There is a Yahoo eGroup that is 'Dedicated' to the
> 'Amazing' RL Drake R8 Series Receivers. All Versions!
> .
> eGroup Name: "draker8"
> .
> Focus: Drake R8 Shortwave Receiver Group
> .
> Link: http://groups.yahoo.com/group/draker8/
> .
> Members: 40
> .
> Started: November 2001
> .
> old inspectors never die: they simply check-out ~ RHF
> .
> Support TIPS - Join America's Home Guard !
> .
> \UWS+GBA/
> .
>
>
>
>
> To unsubscribe from this group, send an email to:

> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
>
>

=====
++++++++++++++++++++ NEW SITE ++++++++++++++++++++
http://home.att.net/~miller.andrew.j.n/index.html

Postage seems slower now that packages are being
Scanned during this War time. Be patient. SAVE
The new Link above to your BookMarks or Favorite!
++

_____
Do You Yahoo!?
Yahoo! Health - Feel better, live better
http://health.yahoo.com

2115. Finally, it works!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-23 16:23:36 UTC
From: Art Burke
Topic: 2011 Message: 2115

Hi Guys:

I sent my radio to Icom twice, and discovered that I had a bad power supply all along.
Even though it read 18.6 volts, it must have dropped when plugged into the radio.
I also discovered that the "red" and "black" connectors on the back are for the antenna and not
power..:(

Art
Thanks ICOM!

[Non-text portions of this message have been removed]

2116. Re: The Speaker Subject Att: RHF/Grove Speaker

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-23 17:45:57 UTC
From: dawntredereding
Topic: 2011 Message: 2116

> SWL and Ham Radio Listeners and their desire for intelligent
quality
> sound.
> .

Thank you for the posting the link RHF. I'm wondering right now how I can very nicely and politely tell you not to waste you time or money pursuing the SP-200. It is NOT the ultimate communication speaker by a long shot, but more an accessory for a scanner or shortwave portable such as the Sony ICF-2010 or Sangean 803. The construction of the unit nothing but a U shaped painted piece of sheet metal covered with a very poorly finished U shaped wood cover. The speaker itself is an inexpensive 4" round unit that has a very small magnet made by Speco with no form of acoustical treatment...simply bolted on the four corners with a plastic grill similar to the type you would find for automotive sound. Now what does it really do? To begin with it's built around a little LM 38x 2 watt ic with a treble and bass control circuit that's very similar to some of the data sheet circuits. There is a noise limiter on board too. This is a variation of the old AM ANL diode clipper using two op amps. If you remember how badly the old cb's sounded with the switch on, this version takes it to lower depths. It's absolutely unusable and there's dramatic distortion even with the control just swithced on and not even rotated enough to bias the clipping diodes significantly. Now the squelch. You would be lead to believe that you're getting some sort of voice/syllabic squelch from the ad copy. Syllabic squelches are very complex circuits.....not this one. You're getting essentially a op-amp vox circuit that's really there to activate the recorder relay. It will work adequately on a relatively free noiseless circuit. If you had a scanner with a broken squelch for example. It's also very fussy to set up, because you have to have the input volume set just right to "flash" a peak indicator on voice peaks. This is just not going to work on HF. This circuit drives a relay driver and output attenuator for a tape recorder. This whole circuit is just a variation of the little scanner recorder boxes that's also can mute the input to the internal audio amp. This leaves the audio filter. It's a classic and simple implimentation of the gyrator audio filter that you can either peak or notch. It's not bad either,but nothing that you wouldn't be able to buy in a $20 or less kit. The headphone jack does not disconnect the speaker, but requires a toggle switch to kill the speaker. This circuit too has a problem. The switch just opens the output to the speaker. Assuming you don't have headphones connected and are using the box for recording scanner traffic which is a very real possibility....that audio chip is driving an open load unless you turn down the audio gain. A simple load on the other side

of the switch would have been trivial to add.

So we have some mediocre scanner accessories all rolled into one box with a cheap speaker. Still it's a good idea anyways and the integration is very welcome to anybody's setup without wires all over the place. There's a fixed cord that has a mini phone jack which plugs into your speaker and a wall wart that powers the box. How does it work?

You guessed it...mediocre to poor. The whole chassis buzzes with very little drive on almost any program material...were not talking about even turning this thing on yet. Turning on the volume control, you're first met with a very noticable hiss....if you think that's bad, boy are ready for the best part. Engage any of the functions such as the filter ....MEGAHISS!!! This is partially due to the high gain of some of the devices spread over two circuit boards. The front panel has a circuit board that contains all of the switches and pots. That's cabled to the amp/signal processing circuits on another board that's mounted below. All that open foil track and ribbon cable presents a lot of long in and out unshielded paths between many high gain IC's. This is not good!

What to praise? Unfortunately from the bottom-line, this box doesn't fulfill the requirements for a good communications speaker.It was grossly overpriced, the accessories are basically scanner oriented and engaging most functions overwhelms you with even more hiss. This speaker just doesn't cut it for shortwave listenting and is more of a shelf dressing for the impressionable. Lots of knobs and switches with a few blinking lights, but no substance for $250. Out of a 5 being the highest, I'd rate it a 2. There is no real difference between the letter revisions..they aren't even marked on the chassis. Main difference is that one was discrete circuitry, followed by a SMT version. There was also some mods that cleaned up a ground loop problem and a slight re-wiring of the recorder activator. Now for the Kudos. Whoever designed this deserves a cookie! They solved a problem that has vexed anyone trying to integrate a bunch of audio ancillaries short of using a huge, multi-wafered/stacked switch,super custom relay or patch bay. This was no easy feat and it was solved by brilliance. To manage all of the inter switching of signals and control by mechanical means would have cost a bundle. The answer? They used 2 analog multiline mux/demux chips (4052 and a 4053) to handle all of the signal/control routing. Elegant soloution to a very expensive problem to implement.

As the saying goes, All sizzle, no steak.

I'm sorry if this review dampened your hopes. Perhaps a discussion about what we would really want in a good station console/speaker would be good topic here. I'm game

73,

dwt

2117. Longwire Feed:Connection: End or Middle?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-23 22:37:45 UTC
From: Moxie3
Topic: 2117 Message: 2117

Has anyone had any experiences with connecting a long wire feed connection at the end or middle? I ask because I read some instructions to attach the feed at the end. But then, I think I remember someone saying to connect at the middle. In my case, it would be much more direct if I make my feed line connection at about the center of the antenna wire rather than the end but I'm concerned about performance. Any thoughts?

George

[Non-text portions of this message have been removed]

2118. Re: [icomr75] Longwire Feed:Connection: End or Middle?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-23 21:50:31 UTC
From: efricha@dimensional.com
Topic: 2117 Message: 2118

>
> Has anyone had any experiences with connecting a long wire feed
> connection at the end or middle? I ask because I read some
> instructions to attach the feed at the end. But then, I think
> I remember someone saying to connect at the middle. In my case,
> it would be much more direct if I make my feed line connection
> at about the center of the antenna wire rather than the end
> but I'm concerned about performance. Any thoughts?
>
> George
>

Hi, George,

Sorry I didn't get back to you on this earlier.

There are antenna types that consist of horizontal wires tapped at
the middle or slightly offset, but they aren't random-wires and don't
work the same way.

Your best bet is to tap at the end.

And your other question, which you didn't ask here, is that, yes,
it's okay if your random wire wanders around, even in the shape of
a (large) U. I got great results as a kid using a wire run roughly
in the shape of a coathanger.

The thing about random-wire antennas is that they are rarely pretty
but they usually do a decent enough job. I still use random wires,
although I want to get a T2FD up some day. (Okay, what I really
want is an FAA/FEMA LPDA, but I digress...)

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2119. Re: Longwire Feed:Connection: End or Middle?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-23 23:12:56 UTC
From: jim_hack
Topic: 2117 Message: 2119

I have 2 60ft long antennas. One I use outside with my DX398. I have experimented with various feed connect points and have found that it works best connected at the Southern end of the wire. Why the sourthern end, is beyond me. My signal strength is noticeably weaker when connected in the middle. The middle IS incidently where I hook my VR500, as it tends to overload if connected at the end.
Hope this helps...

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Has anyone had any experiences with connecting a long wire feed connection at the end or middle? I ask because I read some instructions to attach the feed at the end. But then, I think I remember someone saying to connect at the middle. In my case, it would be much more direct if I make my feed line connection at about the center of the antenna wire rather than the end but I'm concerned about performance. Any thoughts?
>
> George
>
>
> [Non-text portions of this message have been removed]

2120. Re: [icomr75] Re: Longwire Feed:Connection: End or Middle?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-24 01:07:12 UTC
From: Moxie3
Topic: 2117 Message: 2120

Jim, are you antennas straight or irregular? Indoor or outdoor?

George
----- Original Message -----
From: jim_hack
To: icomr75@yahoogroups.com
Sent: Tuesday, July 23, 2002 6:12 PM
Subject: [icomr75] Re: Longwire Feed:Connection: End or Middle?

I have 2 60ft long antennas. One I use outside with my DX398. I
have experimented with various feed connect points and have found
that it works best connected at the Southern end of the wire. Why the
sourthern end, is beyond me. My signal strength is noticeably weaker
when connected in the middle. The middle IS incidently where I hook
my VR500, as it tends to overload if connected at the end.
Hope this helps...

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Has anyone had any experiences with connecting a long wire feed
connection at the end or middle? I ask because I read some
instructions to attach the feed at the end. But then, I think I
remember someone saying to connect at the middle. In my case, it
would be much more direct if I make my feed line connection at about
the center of the antenna wire rather than the end but I'm concerned
about performance. Any thoughts?
>
> George
>
>
> [Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

2121. Re: [icomr75] Longwire Feed:Connection: End or Middle?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-24 01:18:17 UTC
From: Moxie3
Topic: 2117 Message: 2121

Eric, thought you took a vacation. If a large "U" is ok, should the two parallel wires be separated by a minimum distance? My wires (which would be the sides of the "U" shape) would be separated by about 15 feet; someone mentioned that a parallel wire may cancel out signals - what do you think? As that saying goes, the more I know, the more I realize I don't know.

Oh yes, is it OK to connect a bare antenna wire with an insulated antenna wire or should the wire be consistent?

George
----- Original Message -----
From: efricha@...
To: icomr75@yahoogroups.com
Cc: Eric F. Richards
Sent: Tuesday, July 23, 2002 4:50 PM
Subject: Re: [icomr75] Longwire Feed:Connection: End or Middle?

>
> Has anyone had any experiences with connecting a long wire feed
> connection at the end or middle? I ask because I read some
> instructions to attach the feed at the end. But then, I think
> I remember someone saying to connect at the middle. In my case,
> it would be much more direct if I make my feed line connection
> at about the center of the antenna wire rather than the end
> but I'm concerned about performance. Any thoughts?
>
> George
>

Hi, George,

Sorry I didn't get back to you on this earlier.

There are antenna types that consist of horizontal wires tapped at
the middle or slightly offset, but they aren't random-wires and don't
work the same way.

Your best bet is to tap at the end.

And your other question, which you didn't ask here, is that, yes,
it's okay if your random wire wanders around, even in the shape of
a (large) U. I got great results as a kid using a wire run roughly
in the shape of a coathanger.

The thing about random-wire antennas is that they are rarely pretty
but they usually do a decent enough job. I still use random wires,
although I want to get a T2FD up some day. (Okay, what I really

want is an FAA/FEMA LPDA, but I digress...)

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

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[Non-text portions of this message have been removed]

2122. Re: [icomr75] Finally, it works!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-24 00:19:36 UTC
From: Radostin Danev
Topic: 2011 Message: 2122

Hi Art,

Glad to hear your "ears" are up again.

> I also discovered that the "red" and "black" connectors on the back are
for
> the antenna and not
> power..:(

Well, you must have been in a hurry. The second trip to Icom was after this "discovery"? What was the damage? I suspect the matching transformer for the high impedance antenna input evaporated.

Regards,

Rado

2123. Re: [icomr75] Longwire Feed:Connection: End or Middle?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-24 00:42:07 UTC
From: efricha@dimensional.com
Topic: 2117 Message: 2123

>
> Eric, thought you took a vacation.

Vacation, hell, *very* close wildfire and ARES callout. Wasn't
worried about the house -- the fire would've had to cross a lake --
but I had to get the pets boarded because the smoke was so thick.

> If a large "U" is ok, should the two parallel wires be separated by a
> minimum distance?

Well, in theory and in *some* practice, yes. You wouldn't want to
run them, say, a foot apart.

Someone may blast me on this, but I think you'll be okay. Farther apart
is better, but when you are receiving a signal by skywave, as shortwave
broadcasters will be, the polarization and phase will be all over the
place. Wavelenghts shorter than 15 feet (about 60 MHz -- above the short-
wave bands) wouldn't be interfered with, but shortwave signals can be
interfered with. However, with all the multipath going on, I don't
know how much impact the "closeness" would have.

> My wires (which would be the sides of the "U"
> shape) would be separated by about 15 feet; someone mentioned that
> a parallel wire may cancel out signals - what do you think? As that
> saying goes, the more I know, the more I realize I don't know.

Welcome to the club. When you're old and gray, you'll learn
that you don't know jack sh*t about anything.

>
> Oh yes, is it OK to connect a bare antenna wire with an insulated
> antenna wire or should the wire be consistent?
>

Doesn't matter.

> George

Eric

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2124. Re: [icomr75] Longwire Feed:Connection: End or Middle?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-24 02:31:13 UTC
From: Moxie3
Topic: 2117 Message: 2124

Eric, thanks for the info. Hope those fires get controlled so you and your pets can get your life back to normal. Especially tough on the pets since they don't understand what's happening.

Regards,
George

----- Original Message -----
From: efricha@...
To: icomr75@yahoogroups.com
Cc: Eric F. Richards
Sent: Tuesday, July 23, 2002 7:42 PM
Subject: Re: [icomr75] Longwire Feed:Connection: End or Middle?

>
> Eric, thought you took a vacation.

Vacation, hell, *very* close wildfire and ARES callout. Wasn't worried about the house -- the fire would've had to cross a lake -- but I had to get the pets boarded because the smoke was so thick.

> If a large "U" is ok, should the two parallel wires be separated by a
> minimum distance?

Well, in theory and in *some* practice, yes. You wouldn't want to run them, say, a foot apart.

Someone may blast me on this, but I think you'll be okay. Farther apart is better, but when you are receiving a signal by skywave, as shortwave broadcasters will be, the polarization and phase will be all over the place. Wavelenghts shorter than 15 feet (about 60 MHz -- above the short-wave bands) wouldn't be interfered with, but shortwave signals can be interfered with. However, with all the multipath going on, I don't know how much impact the "closeness" would have.

> My wires (which would be the sides of the "U"
> shape) would be separated by about 15 feet; someone mentioned that
> a parallel wire may cancel out signals - what do you think? As that
> saying goes, the more I know, the more I realize I don't know.

Welcome to the club. When you're old and gray, you'll learn that you don't know jack sh*t about anything.

>
> Oh yes, is it OK to connect a bare antenna wire with an insulated
> antenna wire or should the wire be consistent?
>

Doesn't matter.

> George

Eric

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

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2125. RE: [icomr75] Longwire Feed:Connection: End or Middle?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-24 02:50:11 UTC
From: Enrique A. Wembagher
Topic: 2117 Message: 2125

Hi George,

Windom Antenna

B: 33% aprox. of A

??----------------- A -------------------??
??--- B ---?? ?
]-0//0------------x----------------------------0//0-[
?
? ?-- download one wire
?
?
x--->
to RX or Balun/RX
x--->
?
?

73?s
Enrique

> -----Mensaje original-----
> De: Moxie3 [mailto:moxie3@...]
> Enviado el: Martes, 23 de Julio de 2002 19:38
> Para: icomr75@yahoogroups.com
> Asunto: [icomr75] Longwire Feed:Connection: End or Middle?
>
>
> Has anyone had any experiences with connecting a long wire feed
> connection at the end or middle? I ask because I read some
> instructions to attach the feed at the end. But then, I think I
> remember someone saying to connect at the middle. In my case, it
> would be much more direct if I make my feed line connection at
> about the center of the antenna wire rather than the end but I'm
> concerned about performance. Any thoughts?
>
> George

2126. Re: Longwire Feed:Connection: End or Middle?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-24 03:56:40 UTC
From: jim_hack
Topic: 2117 Message: 2126

Outdoors, 20 ft. above ground, N/S orientation (straight)

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Jim, are you antennas straight or irregular? Indoor or outdoor?
>
> George
> ----- Original Message -----
> From: jim_hack
> To: icomr75@y...
> Sent: Tuesday, July 23, 2002 6:12 PM
> Subject: [icomr75] Re: Longwire Feed:Connection: End or Middle?
>
>
> I have 2 60ft long antennas. One I use outside with my DX398. I
> have experimented with various feed connect points and have found
> that it works best connected at the Southern end of the wire. Why
the
> sourthern end, is beyond me. My signal strength is noticeably
weaker
> when connected in the middle. The middle IS incidently where I
hook
> my VR500, as it tends to overload if connected at the end.
> Hope this helps...
>
> --- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> > Has anyone had any experiences with connecting a long wire feed
> connection at the end or middle? I ask because I read some
> instructions to attach the feed at the end. But then, I think I
> remember someone saying to connect at the middle. In my case, it
> would be much more direct if I make my feed line connection at
about
> the center of the antenna wire rather than the end but I'm
concerned
> about performance. Any thoughts?
> >
> > George
> >
> >
> > [Non-text portions of this message have been removed]
>
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2127. Re: Longwire Feed:Connection: End or Middle?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-24 06:44:28 UTC
From: radiohighfreq
Topic: 2117 Message: 2127

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Has anyone had any experiences with connecting a long wire feed
connection at the end or middle? I ask because I read some
instructions to attach the feed at the end. But then, I think I
remember someone saying to connect at the middle. In my case, it
would be much more direct if I make my feed line connection at about
the center of the antenna wire rather than the end but I'm concerned
about performance. Any thoughts?
>
> George
= George =

You may wish to consider these 'limited space' and 'limited support
point' antennas that Put More Wire In the Air.
Omni -v- Directional Performance varies with height and length of
antenna.
.
#1 Center Point Feed "Point-to-Point"
Dual Random Wire Antenna
Common Feed Point (@)
Common End Point (+)
Feed Point (FP) should be 20 Ft or higher.
End Point (EP) should be 50 Ft or more.
Top: Horizontal (H) Random Wire
Bottom: Slopper (S) Random Wire
FP H-EP
@ * * * * * * +
*
*
*
*
*
*
+
S-EP

#2 End Feed Point
"Out-Down-Return" (Open Triangle)
Folded Random Wire Antenna
Feed Point (FP) should be 20 Ft or higher.
End Point (EP) should be 50 Ft or more.
Out/Top: Horizontal Leg
Down/Back: Vertical Leg
Return/Bottom: Slopper Leg
The Return End (+) is NOT Connected

The Gap between the Feed Point
and the Slopper End Point is 5-6 Ft.
Use nylon rope to bridge the gap.

2128. Untold Icom option??

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-24 07:15:08 UTC
From: Jack
Topic: 2128 Message: 2128

Hi all,

I was just re entering frequencies into my R75 after a CPU reset and decided to do it via my computer to save my fingers and make it easier!
I use Smart Icom Control by Mark J Fine and i have just discovered that there is an extra AGC Setting!! ,as far as i can work out it is not accessable via the actual radio but through the computer control program there are 4 settings ,OFF ,SLOW ,FAST and another one called S-FAST (maybe super fast?) ,and you can actauuly here the difference while switching from fast to s-fast and then off...its made 1 hell of an improvement to weak stations and i was wondering how many other users knew this or am i the first to bring it to everyone's attention??

I did some extensive tests this afternoon using fast ,s-fast and off and i find s-fast to be a great setting ,its really an improvement in picking out weak and fading signals ,1 thing i did notice is that when engaging s-fast the display does not indicate its use at all ,instead it just flashes f.agc instead of it being solidly lit?

The only way to be able to use this extra setting so far is via the computer ,as once you turn of the unit it seems to revert back to its 3 settings ,i am trying some more experiments to see if there is away of retaining the s-fast settings ,i will keep all updated!

One question i would like to ask though as i dont very often hook my R75 to my computer is that with fiding this extra setting and using it can it actually in anyway damage or hurt the unit seen as it wasnt an option with the radio on its own?

Any comments appreciated!

Regards,

Jack

[Non-text portions of this message have been removed]

2129. Re: Untold Icom option??

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-24 08:24:49 UTC
From: manabu662001
Topic: 2128 Message: 2129

Hello!

I guess it is a special function for high-speed scannning, mailny
provided for spectrum display oriented by IC-R8500.
I am very interested in the way to activate s-fast AGC in normal
operation without computer.
But I don't know, so I use AGC-OFF position with control of RF-Gain.
This is an alternative, but really clumsy.

Manabu Doi, a SWL in Okayama Japan

2130. Re: [icomr75] Re: Untold Icom option??

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-24 09:02:02 UTC
From: Jack
Topic: 2128 Message: 2130

Hi,

Well i tried to save it to memory with a frequency ,turned off the unit ,turned it back on and it was still there...thought great i have worked it out!...but as soon as you change the AGC to any other setting the f-agc setting is lost no matter what was saved in memory and the memeory channel resorts back to the fast AGC setting and you have to once again set it via the PC! ,so unless you want to keep all memorys on f-agc for good i havent as yet found any other way of retaining the setting....but ill keep experimenting!

Maybe there might be a internal modification to allow it to work from the radio or make it stay on after being set by the PC?? ,i guess someone with knowledge of the internal workings of the unit maybe able to shed some light or help on the matter??

Here's hoping.....

Regards,

Jack.
----- Original Message -----
From: manabu662001
To: icomr75@yahoogroups.com
Sent: Wednesday, July 24, 2002 6:24 PM
Subject: [icomr75] Re: Untold Icom option??

Hello!

I guess it is a special function for high-speed scannning, mailny
provided for spectrum display oriented by IC-R8500.
I am very interested in the way to activate s-fast AGC in normal
operation without computer.
But I don't know, so I use AGC-OFF position with control of RF-Gain.
This is an alternative, but really clumsy.

Manabu Doi, a SWL in Okayama Japan

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2131. Re: [icomr75] Longwire Feed:Connection: End or Middle?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-24 12:43:38 UTC
From: Moxie3
Topic: 2117 Message: 2131

Thanks, but what is the minimum separation in feet from A to B?

George
----- Original Message -----
From: Enrique A. Wembagher
To: icomr75@yahoogroups.com
Sent: Tuesday, July 23, 2002 9:50 PM
Subject: RE: [icomr75] Longwire Feed:Connection: End or Middle?

Hi George,

Windom Antenna

B: 33% aprox. of A

¦«----------------- A ------------------»¦
¦«--- B ---»¦ ¦
]-0//0------------x----------------------------0//0-[
¦
¦ «-- download one wire
¦
¦
x--->
to RX or Balun/RX
x--->
¦
¦

73´s
Enrique

> -----Mensaje original-----
> De: Moxie3 [mailto:moxie3@earthlink.net]
> Enviado el: Martes, 23 de Julio de 2002 19:38
> Para: icomr75@yahoogroups.com
> Asunto: [icomr75] Longwire Feed:Connection: End or Middle?
>
>
> Has anyone had any experiences with connecting a long wire feed
> connection at the end or middle? I ask because I read some
> instructions to attach the feed at the end. But then, I think I
> remember someone saying to connect at the middle. In my case, it
> would be much more direct if I make my feed line connection at
> about the center of the antenna wire rather than the end but I'm
> concerned about performance. Any thoughts?

>
> George

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2132. Re: [icomr75] Re: Longwire Feed:Connection: End or Middle?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-24 12:48:48 UTC
From: Moxie3
Topic: 2117 Message: 2132

Jim, do you have any idea how your reception would be affected if your antenna was directed SW to NE?

George
----- Original Message -----
From: jim_hack
To: icomr75@yahoogroups.com
Sent: Tuesday, July 23, 2002 10:56 PM
Subject: [icomr75] Re: Longwire Feed:Connection: End or Middle?

Outdoors, 20 ft. above ground, N/S orientation (straight)

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Jim, are you antennas straight or irregular? Indoor or outdoor?
>
> George
> ----- Original Message -----
> From: jim_hack
> To: icomr75@y...
> Sent: Tuesday, July 23, 2002 6:12 PM
> Subject: [icomr75] Re: Longwire Feed:Connection: End or Middle?
>
>
> I have 2 60ft long antennas. One I use outside with my DX398. I
> have experimented with various feed connect points and have found
> that it works best connected at the Southern end of the wire. Why
the
> sourthern end, is beyond me. My signal strength is noticeably
weaker
> when connected in the middle. The middle IS incidently where I
hook
> my VR500, as it tends to overload if connected at the end.
> Hope this helps...
>
> --- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> > Has anyone had any experiences with connecting a long wire feed
> connection at the end or middle? I ask because I read some
> instructions to attach the feed at the end. But then, I think I
> remember someone saying to connect at the middle. In my case, it
> would be much more direct if I make my feed line connection at
about
> the center of the antenna wire rather than the end but I'm
concerned
> about performance. Any thoughts?
> >
> > George

> >
> >
> > [Non-text portions of this message have been removed]
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2133. Re: [icomr75] Longwire Feed:Connection: End or Middle?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-24 12:46:21 UTC
From: Todd Gaine
Topic: 2117 Message: 2133

A and B are "measurements", not a return loop. It is a single wire with lead-in (download) connected approx 1/3 along the length.

Todd

----- Original Message -----
From: Moxie3
To: icomr75@yahoogroups.com
Sent: Wednesday, July 24, 2002 2:43 PM
Subject: Re: [icomr75] Longwire Feed:Connection: End or Middle?

Thanks, but what is the minimum separation in feet from A to B?

George
----- Original Message -----
From: Enrique A. Wembagher
To: icomr75@yahoogroups.com
Sent: Tuesday, July 23, 2002 9:50 PM
Subject: RE: [icomr75] Longwire Feed:Connection: End or Middle?

Hi George,

Windom Antenna

B: 33% aprox. of A

¦«----------------- A ------------------»¦
¦«--- B ---»¦ ¦
]-0//0------------x----------------------------0//0-[
¦
¦ «-- download one wire
¦
¦
x--->
to RX or Balun/RX
x--->
¦
¦

73´s
Enrique

> -----Mensaje original-----
> De: Moxie3 [mailto:moxie3@earthlink.net]
> Enviado el: Martes, 23 de Julio de 2002 19:38

> Para: icomr75@yahoogroups.com
> Asunto: [icomr75] Longwire Feed:Connection: End or Middle?
>
>
> Has anyone had any experiences with connecting a long wire feed
> connection at the end or middle? I ask because I read some
> instructions to attach the feed at the end. But then, I think I
> remember someone saying to connect at the middle. In my case, it
> would be much more direct if I make my feed line connection at
> about the center of the antenna wire rather than the end but I'm
> concerned about performance. Any thoughts?
>
> George

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2134. RE: [icomr75] Finally, it works!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-24 13:38:31 UTC
From: Art Burke
Topic: 2011 Message: 2134

Hi Rado:

No, everything works fine. I hooked up a loop antenna to it as soon as I received it and
it works like a charm.

I put the DSP unit in it, but don't really know how to work it yet.
Could you help me on it's operation, or where to find instructions?

Thanks,

Art
-----Original Message-----
From: Radostin Danev [mailto:rado@...]
Sent: Tuesday, July 23, 2002 8:20 PM
To: icomr75@yahoogroups.com
Subject: Re: [icomr75] Finally, it works!

Hi Art,

Glad to hear your "ears" are up again.

> I also discovered that the "red" and "black" connectors on the back are for
> the antenna and not
> power..:(

Well, you must have been in a hurry. The second trip to Icom was after this
"discovery"? What was the damage? I suspect the matching transformer for the
high impedance antenna input evaporated.

Regards,

Rado

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2135. Re: Longwire Feed:Connection: End or Middle?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-24 14:36:40 UTC
From: jim_hack
Topic: 2117 Message: 2135

I live in a mobile home, so being as my lot is narrow and deep, that
isn't an option...

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Jim, do you have any idea how your reception would be affected if
your antenna was directed SW to NE?
>
> George
> ----- Original Message -----
> From: jim_hack
> To: icomr75@y...
> Sent: Tuesday, July 23, 2002 10:56 PM
> Subject: [icomr75] Re: Longwire Feed:Connection: End or Middle?
>
>
> Outdoors, 20 ft. above ground, N/S orientation (straight)
>
>
> --- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> > Jim, are you antennas straight or irregular? Indoor or outdoor?
> >
> > George
> > ----- Original Message -----
> > From: jim_hack
> > To: icomr75@y...
> > Sent: Tuesday, July 23, 2002 6:12 PM
> > Subject: [icomr75] Re: Longwire Feed:Connection: End or
Middle?
> >
> >
> > I have 2 60ft long antennas. One I use outside with my
DX398. I
> > have experimented with various feed connect points and have
found
> > that it works best connected at the Southern end of the wire.
Why
> the
> > sourthern end, is beyond me. My signal strength is noticeably
> weaker
> > when connected in the middle. The middle IS incidently where
I
> hook
> > my VR500, as it tends to overload if connected at the end.
> > Hope this helps...
> >

> > --- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> > > Has anyone had any experiences with connecting a long wire
feed
> > connection at the end or middle? I ask because I read some
> > instructions to attach the feed at the end. But then, I
think I
> > remember someone saying to connect at the middle. In my
case, it
> > would be much more direct if I make my feed line connection
at
> about
> > the center of the antenna wire rather than the end but I'm
> concerned
> > about performance. Any thoughts?
> > >
> > > George
> > >
> > >
> > > [Non-text portions of this message have been removed]
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2136. How to use the UT-106 DSP?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-24 16:19:58 UTC
From: Art Burke
Topic: 2117 Message: 2136

Hi to all:

Where are the written instructions on using the UT-106 module?

Thanks,

Art

[Non-text portions of this message have been removed]

2137. Re: Untold Icom option??

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-24 17:30:54 UTC
From: dawntredereding
Topic: 2128 Message: 2137

Could this be ultra-short agc time constant be a function of the scanning? If it's anything like the IC-718, There is a much shorter agc time constant that is switched in only during scanning. In that radio, when that time constant is switched in it's called "Reset". I only have a schematic of the R75. The unit shows 4 control switches (transistors Q 1061,1064,1065,1066). Q 1066 is labeled AGRS. Is this the transistor switched in during this "super fast" agc time? It might also be the same one switched in during scanning too. Pin 2 of the device is the control line. Probing this line with a voltmeter under both conditions might confirm this. Just a hypothesis folks.

dwt

2138. Re: Untold Icom option??

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-24 22:05:46 UTC
From: manabu662001
Topic: 2128 Message: 2138

Thanks a lot, gentle men!

I'm not a technichian, but I'll try.

By the way, I removed FL-102, and installed FL-103 again.
The problem of FL-102 installed in R75 is regrettable, but
good experience for me.

Regards,

Manabu Doi, a SWL in Okayama Japan

2139. Re: How to use the UT-106 DSP?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-25 00:03:51 UTC
From: jim_hack
Topic: 2117 Message: 2139

Try page 20 of the R75 manual under the heading:
Optional noise reduction function and Optional auto notch function...

--- In icomr75@y..., "Art Burke" <pianomanab@s...> wrote:
> Hi to all:
>
> Where are the written instructions on using the UT-106 module?
>
> Thanks,
>
> Art
>
>
> [Non-text portions of this message have been removed]

2140. How about CR-282 TCXO?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-25 15:53:46 UTC
From: manabu662001
Topic: 2140 Message: 2140

Dear Members,

I want to know how about CR-282 temperature compensated crystal oscillator.
My questions:
1. How long is the time of warm-up, from cold-start
2. How about the effect, not only as a measurement but bodily sensation.
3. Does the crystal improve the absolute accuracy of frequency, or not?
My target is neither RTTY nor FAX station, but BC station distributed on tropical-band spectrum.
I receive them via ECSS technique, USB/LSB.(Called □gbeat zero□h in Japan)
I also own IC-R9000 equipped with TCXO(0.25ppm). R9000 needs more than 60 seconds to warm up its oven. Its stability is satisfactory, so called □grock-solid□h after warming up. But R9000□fs finest resolution is limited to only 10Hz. This is adequate, but sometimes clumsy. R9000 is never suitable for mobile operation because of its heavy power consumption. Above all, he is too big, NEVER PORTABLE!
Still I employ R75 in mobile operation. IC-R75 excels in resolution, down to nearest 1Hz. R75 is stable enough, but somewhat drifty when 1Hz steps turned on. Especially I notice a little drift when VFO/MEMO mode is changed.
This is annoying during ECSS □gbeat zero□h tuning.
Nervous? I think so, hi! But CR-282 is not so expensive in here Japan, so very fascinating.

The following is loggings of mobile operation in July 23, 2002(July 24 in Japan)
3199.99kHz TWR-Swaziland (presumed) 1948-1955UTC SINPO23332
Informed by Mr.N.Takeno. I thank him.
The audio file is offered in http://mav.nifty.com/ahp/textview.cgi?nodxc+14100+256
This is directly sampled from an internal speaker of R75 by digital device. Using headphones, fidelity is greatly improved.
5100.01kHz Liberian Communications Network (presumed) 2017-2027UTC SINPO22332 with heavy QRM
4814.968kHz R.Difusora de Londrina 2036-2040UTC SINPO23332

Equipments: IC-R75 with AN-1 (mobile operation)
Location: riverside in Okayama City, Japan

Manabu Doi, a SWL in Okayama Japan

2141. Radio Shack RCA Speaker Returned

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-26 02:46:57 UTC
From: Moxie3
Topic: 2141 Message: 2141

Tried the RCA speaker from Radio Shack, item 40-5024 that a few members recommended. After a few days, I decided to return it as I was not happy with the speaker's volume. Seemed like I needed to place my volume control to maximum most of the time to receive reasonable volume, however, sound quality was acceptable. I'm not a technician by any means but maybe the volume problem is caused by it's 20-watt speaker. Most every base station speaker I looked at is rated from 3 to 5 watts. Because of this, I'm thinking that the speaker is not as efficient and thereby requires full power from the receiver's amplifier. Someone in one of the posts advised not using a speaker if you need to place your volume control at maximum for extended periods. Comments anyone?

George

[Non-text portions of this message have been removed]

2142. Re: Radio Shack RCA Speaker Returned

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-26 02:56:01 UTC
From: mexicanradio94102
Topic: 2141 Message: 2142

I'm using the radio shack / RCA 40-5000, it works well for me.

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Tried the RCA speaker from Radio Shack, item 40-5024 that a few members recommended. After a few days, I decided to return it as I was not happy with the speaker's volume. Seemed like I needed to place my volume control to maximum most of the time to receive reasonable volume, however, sound quality was acceptable. I'm not a technician by any means but maybe the volume problem is caused by it's 20-watt speaker. Most every base station speaker I looked at is rated from 3 to 5 watts. Because of this, I'm thinking that the speaker is not as efficient and thereby requires full power from the receiver's amplifier. Someone in one of the posts advised not using a speaker if you need to place your volume control at maximum for extended periods. Comments anyone?
>
> George
>
>
> [Non-text portions of this message have been removed]

2143. Alpha Tag Amnesia

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-26 03:21:45 UTC
From: jim_hack
Topic: 2143 Message: 2143

I just now turned my R75 on and did a quick scan of a range I like to check. Pushed the V/M button to put it in memory mode. ALL of a sudden it is only displaying the frequencies. No more alpha tags! Is it in some mode I have forgotten about or did they just magically all go away? I turned it off and back on again to no avail...

2144. Re: [icomr75] How to use the UT-106 DSP?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-26 03:28:26 UTC
From: Radostin Danev
Topic: 2117 Message: 2144

Hi Art,

There are some instructions in the R75 manual. Page 20 in the PDF version.

Regards,

Rado

----- Original Message -----
From: "Art Burke" <pianomanab@...>
To: <icomr75@yahoogroups.com>
Sent: Thursday, July 25, 2002 1:19 AM
Subject: [icomr75] How to use the UT-106 DSP?

> Hi to all:
>
> Where are the written instructions on using the UT-106 module?
>
> Thanks,
>
> Art
>
>
> [Non-text portions of this message have been removed]
>
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2145. Re: Alpha Tag Amnesia

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-26 03:32:35 UTC
From: jim_hack
Topic: 2143 Message: 2145

D'OH! Nevermind. I guess I have Old timers disease. When I hit scan
again to turn it off, I ACTUALLY hit SEL instead, turning off the
alpha tags... I hate being old...

--- In icomr75@y..., "jim_hack" <jim_hack@y...> wrote:
> I just now turned my R75 on and did a quick scan of a range I like
to
> check. Pushed the V/M button to put it in memory mode. ALL of a
> sudden it is only displaying the frequencies. No more alpha tags!
> Is it in some mode I have forgotten about or did they just
magically
> all go away? I turned it off and back on again to no avail...

2146. Re: [icomr75] Re: Untold Icom option??

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-26 04:43:52 UTC
From: Jack
Topic: 2128 Message: 2146

Hi dwt,

I tried to access the s-fast AGC option while scanning and it didnt activate ,so i guess its an option that Icom left out and the only way to use it is while its connected to the PC....having said this i wonder what other hidden options would be able to be enabled by software and a PC? ,maybe there are lots more options like this available via PC and software??

Which reminds me i did find another option not accesable via the radio but with the PC and software ,not sure what it does but there is an option of 'Auto Bandwidth' ,i have yet to do a test ,ill get to it now and report my findings back here shortly!

I will still try to find a way of accessing this s-fast option ,if i find out anything else ill be sure to update all :)

Jack.

Launceston ,Tasmania.
Icom R-75
40ft Semi Inverted L
Multiband Inverted V (5.5 ,7 ,8.5mhz)
T2FD (11mhz)

----- Original Message -----
From: dawntredereding
To: icomr75@yahoogroups.com
Sent: Thursday, July 25, 2002 3:30 AM
Subject: [icomr75] Re: Untold Icom option??

Could this be ultra-short agc time constant be a function of the
scanning? If it's anything like the IC-718, There is a much shorter
agc time constant that is switched in only during scanning. In that
radio, when that time constant is switched in it's called "Reset". I
only have a schematic of the R75. The unit shows 4 control switches
(transistors Q 1061,1064,1065,1066). Q 1066 is labeled AGRS. Is this
the transistor switched in during this "super fast" agc time? It
might also be the same one switched in during scanning too. Pin 2 of
the device is the control line. Probing this line with a voltmeter
under both conditions might confirm this. Just a hypothesis folks.

dwt

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[Non-text portions of this message have been removed]

2147. Re: Radio Shack RCA Speaker Returned

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-26 08:23:43 UTC
From: radiohighfreq
Topic: 2141 Message: 2147

George,

I am using the RCA Speaker / RS # 40-5024 and my Volume Control is normally set at about 1/3 for my personal listening seated next to the R75. I am using the 1/8" External Speaker Jack on the back; not the 1/4" Headphone Jack on the front.
.
hiwfm ~ RHF
.
- - - In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Tried the RCA speaker from Radio Shack, item 40-5024 that a few members recommended. After a few days, I decided to return it as I was not happy with the speaker's volume. Seemed like I needed to place my volume control to maximum most of the time to receive reasonable volume, however, sound quality was acceptable. I'm not a technician by any means but maybe the volume problem is caused by it's 20-watt speaker. Most every base station speaker I looked at is rated from 3 to 5 watts. Because of this, I'm thinking that the speaker is not as efficient and thereby requires full power from the receiver's amplifier. Someone in one of the posts advised not using a speaker if you need to place your volume control at maximum for extended periods. Comments anyone?
>
> George
>
>
> [Non-text portions of this message have been removed]

2148. "hidden functions" on r75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-26 11:12:28 UTC
From: Jem Cullen
Topic: 2148 Message: 2148

Mark J Fine where are you?

You will see the Sfast AGC, and auto bandwidth are both utilized it MJF's Smart R75.(not to be confused with MFJ)

I know the SF_AGC is shown in the manual where it gives the instructions for sending rs232 commands to the rig, cant remember if the Auto bandwidth is.

Hey, Mark Regarding the Smart r75, is there a reason why it sometimes automatically changes my rig to AM -narrow filter when i pick frequencies from the built-in broadcaster database?

just my thoughts
73 de Jem
see my rig and XPS210 spekers (verry yummy audio) at
www.qsl.net/vk2jem

_____
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http://www.hotmail.com

2149. Re: [icomr75] "hidden functions" on r75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-26 12:18:18 UTC
From: Mark J. Fine
Topic: 2148 Message: 2149

From: "Jem Cullen" <jemmex@...>
> Mark J Fine where are you?

Lurking in the shadows... <G>

> sending rs232 commands to the rig, cant remember if the Auto bandwidth is.

The Auto Bandwidth is something I added via software. What it does is allows you to have preset bandwidths depending upon mode. For example, I usually have 6kHz for AM and 2.3kHz for SSB on my Drake. The other radios don't have an auto-bandwidth feature built in, so I added it via software.

> Hey, Mark Regarding the Smart r75, is there a reason why it sometimes
> automatically changes my rig to AM -narrow filter when i pick frequencies
> from the built-in broadcaster database?

Some of the targets in the database are specially coded, which is why you see ff, cf, rf, uf, or lf, the abbreviations standing for FM, CW, RTTY, USB and LSB FEED, respectively. Anything else is AM, unless the target is blank. Depending upon the target, the program will automatically shift the mode of the receiver. If Auto Bandwidth is on, the bw will shift with it. If the target is left blank, no mode (or auto bw) change occurs.

Realizing that sometimes this is too much of a pain at times (for example, sometimes you just want to tune AM signals in SSB to avoid QRM and not have to keep switching modes back), I'm building in an option to turn this feature off in v4.

73,

Mark J. Fine / mark.fine@...
Remington, Virginia, USA

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2150. Re: [icomr75] "hidden functions" on r75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-26 12:34:09 UTC
From: Jack
Topic: 2148 Message: 2150

Hi Mark,

Great bit of software :) just wish the s-fast AGC option would stay in memory after you manually change it! ,its a much better setting...so any other hidden things you have come across yet?

Keep up the great work!

Jack

----- Original Message -----
From: "Mark J. Fine" <mark.fine@...>
To: <icomr75@yahoogroups.com>
Sent: Friday, July 26, 2002 10:18 PM
Subject: Re: [icomr75] "hidden functions" on r75

> From: "Jem Cullen" <jemmex@...>
> > Mark J Fine where are you?
>
> Lurking in the shadows... <G>
>
> > sending rs232 commands to the rig, cant remember if the Auto bandwidth is.
>
> The Auto Bandwidth is something I added via software. What it does is
> allows you to have preset bandwidths depending upon mode. For example, I
> usually have 6kHz for AM and 2.3kHz for SSB on my Drake. The other radios
> don't have an auto-bandwidth feature built in, so I added it via software.
>
> > Hey, Mark Regarding the Smart r75, is there a reason why it sometimes
> > automatically changes my rig to AM -narrow filter when i pick frequencies
> > from the built-in broadcaster database?
>
> Some of the targets in the database are specially coded, which is why you
> see ff, cf, rf, uf, or lf, the abbreviations standing for FM, CW, RTTY, USB
> and LSB FEED, respectively. Anything else is AM, unless the target is
> blank. Depending upon the target, the program will automatically shift the
> mode of the receiver. If Auto Bandwidth is on, the bw will shift with it.
> If the target is left blank, no mode (or auto bw) change occurs.
>
> Realizing that sometimes this is too much of a pain at times (for example,
> sometimes you just want to tune AM signals in SSB to avoid QRM and not have

> to keep switching modes back), I'm building in an option to turn this
> feature off in v4.
>
> 73,
>
> Mark J. Fine / mark.fine@...
> Remington, Virginia, USA
>
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>

2151. Re: [icomr75] "hidden functions" on r75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-26 13:09:34 UTC
From: Mark J. Fine
Topic: 2148 Message: 2151

From: "Jack" <haz_ard@...>
> Great bit of software :) just wish the s-fast AGC option would stay in
> memory after you manually change it! ,its a much better setting...so any
> other hidden things you have come across yet?

Thanks. To be honest, I didn't know it was a hidden feature until people started to mention it. The program was written "in the blind", with some help initially from Tom Sundstrom and later from Mark Veldhuis. They acted as real-time testers, being my eyes (and ears) during program development, finalization and post-deployment testing. I've been planning on getting an R-75 this year but have been putting it off because of other expenses (like getting an XP machine to finally put those silly little XP-related issues to bed).

> Keep up the great work!

Thanks again.

73,

Mark J. Fine / mark.fine@...
Remington, Virginia, USA

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- East Coast Monitor, Monitoring Times: http://www.grove-ent.com
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2152. Trade Icom R75 For Drake R8

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-26 16:13:47 UTC
From: dewayne48
Topic: 2152 Message: 2152

Have an Icom R75 w/DSP, no mods, bought new this year, Icom PS, manual, Phil's cookbook, box, hard to tell from new. I am looking to trade for a Drake R8 or R8A in similar cond. Love those Drakes! Also have for trade a Sony 7600GR w/Sony PS, reel antenna, case, manual, box, excellent cond. Satisfaction guaranteed, have references. Might also consider a Drake SW2 w/remote in similar cond. Not interested in anything with cosmetic flaws. Thanks!
DeWayne KE9K

2153. "Coast-to-Coast" Just for the Fun of It !

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-26 23:31:06 UTC
From: radiohighfreq
Topic: 2153 Message: 2153

"Coast-to-Coast" Just for the Fun of It !
.
"Art Bell Sighting Contest".
Log All the Radio Stations:
Call Letters, Frequencies and Times.
From 10PM at night.
Until 6AM in the morning.
That you heard 'Art Bell' in one Night.
.
Record and Score Yourself:
* 1 - 10 = Tinker Bell
* * 11 - 20 = Liberty Bell
* * * 20 - 50 = Big Ben
* * * * 50+ = A Real Ding Dong!
.
Hey, Just for the Fun of It !
.
~ RHF
.

2154. Joyful DXing by IC-R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-27 00:07:14 UTC
From: manabu662001
Topic: 2154 Message: 2154

Dear Members,

Here in Okayama, LRA36 Radio Nacional Arcangel San Gabriel delivers very good signals!
A combination of FL-103&FL-257 is suitable for ECSS reception.
The audio file is offered in the following URL.
http://mav.nifty.com/ahp/textview.cgi?nodxc+14100+258
This was sampled from an external speaker SX-T5 by digital recording device.
I noticed that there are some errors of frequency readout in my R75.
As to my R75, they are approximately +12Hz/5MHz, +24Hz/10MHz, +48Hz/21MHz. But those of R75 are smaller than older R72 or famous TS-690 transceiver. They are over 80Hz/21MHz.
So, I set my R75, for example, 21590.048Hz to tune precisely R.Nederland at 2000UTC.
This is not so serious problem, as long as I remember, hi!

Manabu Doi, a SWL in Okayama Japan

2155. Re: [icomr75] "Coast-to-Coast" Just for the Fun of It !

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-27 18:19:59 UTC
From: Scott Robson
Topic: 2153 Message: 2155

Extra points for logging KNYE?

Robbo

On Friday, July 26, 2002, at 07:31 PM, radiohighfreq wrote:

> "Coast-to-Coast" Just for the Fun of It !
> .
> "Art Bell Sighting Contest".
> Log All the Radio Stations:
> Call Letters, Frequencies and Times.
> From 10PM at night.
> Until 6AM in the morning.
> That you heard 'Art Bell' in one Night.
> .
> Record and Score Yourself:
> * 1 - 10 = Tinker Bell
> * * 11 - 20 = Liberty Bell
> * * * 20 - 50 = Big Ben
> * * * * 50+ = A Real Ding Dong!
> .
> Hey, Just for the Fun of It !
> .
> ~ RHF
> .
>
>
>
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>
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2156. Re: Untold Icom option??

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-28 03:23:10 UTC
From: just_rtfm
Topic: 2128 Message: 2156

hi Jack:

i use that super-fast AGC for my scanner program (i will eventually
finish and upload it to this board).

phil :)

2157. Re: "Coast-to-Coast" Just for the Fun of It !

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-28 20:49:07 UTC
From: radiohighfreq
Topic: 2153 Message: 2157

Robbo,
.
An "Art-Full" Question !
Only If, You get Close Enough . . .
To Receive KNYE on an AM (Only) Radio.
{Truly a 'Close Encounter' in the 'Kingdom of Nye'.}
Then You can go to the Right End of the "Bell Curve".
.
~ RHF
.
- - - In icomr75@y..., Scott Robson <scott@p...> wrote:
> Extra points for logging KNYE?
>
> Robbo
>
> On Friday, July 26, 2002, at 07:31 PM, radiohighfreq wrote:
>
> > "Coast-to-Coast" Just for the Fun of It !
> > .
> > "Art Bell Sighting Contest".
> > Log All the Radio Stations:
> > Call Letters, Frequencies and Times.
> > From 10PM at night.
> > Until 6AM in the morning.
> > That you heard 'Art Bell' in one Night.
> > .
> > Record and Score Yourself:
> > * 1 - 10 = Tinker Bell
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> > * * * 20 - 50 = Big Ben
> > * * * * 50+ = A Real Ding Dong!
> > .
> > Hey, Just for the Fun of It !
> > .
> > ~ RHF
> > .
> >
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2158. FS: ICOM R-75, EXTERNAL SPEAKER AND TUNER NEW!!!!!!!!!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-28 21:10:34 UTC
From: klodtlarry@aol.com
Topic: 2158 Message: 2158

Hello! Well I hate to say it, but I am going to sell my NEW ICOM R-75. I purchased this unit the last week of May, 2002. This unit has been used for LESS THAN 1 HOUR! It has never been opened nor does it have any mods done for it. It is in NEW OUT OF THE BOX condition! Here is what is included:

ICOM-R-75, Manual, Icom Power Supply, Box, Jensen Bookshelf Speaker (works as good or better than the SP-21) (matches size and color of the R-75), and an MFJ-956 Tuner/Preselector. All of this is only 2 months old and is in NEW condition used less than 1 hour!

This is the best radio I have ever had, and I hate to sell it, but I have found that I do not have the time to put into the SWL hobby that I thought that I do, and I have decided I would rather pursue other hobbies.

I am asking $600.00 INCLUDING INSURED SHIPPING. This outfit cost me in excess of $700 2 months ago. Please email me if interested!

Thank you!

LARRY- KC0HBB

[Non-text portions of this message have been removed]

2159. Re: [icomr75] FS: ICOM R-75, EXTERNAL SPEAKER AND TUNER NEW!!!!!!!!!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-28 23:08:29 UTC
From: Moxie3
Topic: 2158 Message: 2159

Larry, sorry to hear you're selling your rig. Only had mine for about 2 months, if that, and I too haven't spent as much time with the radio as I had hoped. But I'm still hoping to allocate more time in the future and do enjoy the precious few minutes I get with the unit; it's a nice diversion. Did you ever get the Durham part? If so, how do you like it?

George
----- Original Message -----
From: klodtlarry@...
To: icomr75@yahoogroups.com
Sent: Sunday, July 28, 2002 4:10 PM
Subject: [icomr75] FS: ICOM R-75, EXTERNAL SPEAKER AND TUNER NEW!!!!!!!!!

Hello! Well I hate to say it, but I am going to sell my NEW ICOM R-75. I purchased this unit the last week of May, 2002. This unit has been used for LESS THAN 1 HOUR! It has never been opened nor does it have any mods done for it. It is in NEW OUT OF THE BOX condition! Here is what is included:

ICOM-R-75, Manual, Icom Power Supply, Box, Jensen Bookshelf Speaker (works as good or better than the SP-21) (matches size and color of the R-75), and an MFJ-956 Tuner/Preselector. All of this is only 2 months old and is in NEW condition used less than 1 hour!

This is the best radio I have ever had, and I hate to sell it, but I have found that I do not have the time to put into the SWL hobby that I thought that I do, and I have decided I would rather pursue other hobbies.

I am asking $600.00 INCLUDING INSURED SHIPPING. This outfit cost me in excess of $700 2 months ago. Please email me if interested!

Thank you!

LARRY- KC0HBB

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

2160. Re: [icomr75] FS: ICOM R-75, EXTERNAL SPEAKER AND TUNER NEW!!!!!!!!!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-28 23:23:49 UTC
From: klodtlarry@aol.com
Topic: 2158 Message: 2160

I never have ordered it. I was hoping this time around to get into radio again. I just dont have the time. If the outfit does not sell, I will try to devote more time this winter to listening. And to be honost, I bought a Sony XM Satellite radio this spring, and have the home and car kit, and have been bringing the radio inside at night and listening to Art Bell 3 hours earlier than I can listen to him on local radio! I now get sleep at night :-)

LARRY :-)

[Non-text portions of this message have been removed]

2161. Trading my laptop for....

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-29 16:50:30 UTC
From: brother_lloyd_99
Topic: 2161 Message: 2161

A R-75 perhaps?
My Compaq 1200US laptop for a FT-817 or a R-75 or a radio that is equal in
value to:

Laptop has 800mhz Celeron Processor.
10GB hard drive - Partioned in half.
128mb ram
DVD drive
2 USB ports
Came with Windows ME.
I paid about $1100 for the laptop at Staples on New Years Day. Would imagine the market value of about $900.

I will throw in my USB CD burner too. The burner was bought about 2 years
ago. I guess the value of the burner would be about $125 USD
Can run on Win ME or win2000

Will include Netgear card too

I don't use this laptop as much as I thought I would. It's too cumbersome
for me. Plus, I have a old IBM ThinkPad 486 to use anyway.

I would be willing to trade for a HF Rig equal value of about $900-. I
will consider serious inquires for a Yaesu FT-817 with some accessories. Or
a Icom R-75 with some filters. A Kenwood 570S or a FT-100 I will consider
too.

Good offers please.

Let me know
--
Lloyd Davies - N0VFP

2162. Trade is done...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-30 02:06:08 UTC
From: brother_lloyd_99
Topic: 2162 Message: 2162

I have traded my laptop for a R-75. I hope to get it soon. I will need you guys to help me. I hope I can get all the enjoyment out of this radio. Fall and Winter will be here before we know it, and there will be good long nights of SWL'ing. I still use my ATS 909 by my bed.

Lloyd

2163. FS: R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-07-30 18:26:51 UTC
From: fepetro1
Topic: 2163 Message: 2163

Nice Unit Excellent Shape with DSP Installed, 5 Months Old, Non Smoker. Selling for HF Transceiver. $500.00 shipped to lower 48. tmg9252@...

2164. R75 MW Anttenuator question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-01 02:36:40 UTC
From: Jack
Topic: 2164 Message: 2164

Hi all,

First off where do i lay my hands on the "how to do" for this mod :)

Secondly would there be away of making the mod switchable? ,ie being able to switch it in or out from a switch on the rear panel??

I live about 5 or so km from a local AM station (no idea what power output!) ,it only reads 40+DB with both preamps engaged on the V and fullscale with preamp 1 on the longwire ,but at the present time i have not ever been bothered by it ,i dont get any images/interference ,and so far no birdies come to think of it....anyway i was thinking of doing the MW anttenuator mod ,but i was thinking along the lines of putting in a switch so if i need to i can anttenuate it when ever neccesary.

If anyone can advise on the above i would appreciate it :)

Regards,

Jack

[Non-text portions of this message have been removed]

2165. Re: [icomr75] R75 MW Anttenuator question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-01 02:43:50 UTC
From: Jack
Topic: 2164 Message: 2165

Never mind i have found the what i was after ;)

Jack
----- Original Message -----
From: Jack
To: icomr75@yahoogroups.com
Sent: Thursday, August 01, 2002 12:36 PM
Subject: [icomr75] R75 MW Anttenuator question

Hi all,

First off where do i lay my hands on the "how to do" for this mod :)

Secondly would there be away of making the mod switchable? ,ie being able to switch it in or out from a switch on the rear panel??

I live about 5 or so km from a local AM station (no idea what power output!) ,it only reads 40+DB with both preamps engaged on the V and fullscale with preamp 1 on the longwire ,but at the present time i have not ever been bothered by it ,i dont get any images/interference ,and so far no birdies come to think of it....anyway i was thinking of doing the MW anttenuator mod ,but i was thinking along the lines of putting in a switch so if i need to i can anttenuate it when ever neccesary.

If anyone can advise on the above i would appreciate it :)

Regards,

Jack

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[Non-text portions of this message have been removed]

2166. Further to the MW attenuator

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-01 08:15:15 UTC
From: Jack
Topic: 2166 Message: 2166

Hi all,

Do you think it would be at all possible to install a variable attenuator on the R75?

I know there would be no way of controlling it via the front panel controls ,but maybe an external setup or a back panel mount? ,the reason i ask is that instead of installing a switchable attenuator ie either on or off ,i think it would be much more 'usable' to have 1 you could variate depending on your needs?? ,im planning on doing the mod but before i do i would like to work out the best method!

Be interested to hear some opinions on this :)

Regards,

Jack

[Non-text portions of this message have been removed]

2167. Re: [icomr75] Further to the MW attenuator

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-01 12:53:34 UTC
From: Rik van Riel
Topic: 2166 Message: 2167

On Thu, 1 Aug 2002, Jack wrote:

> Do you think it would be at all possible to install a variable
> attenuator on the R75?

Won't the RF gain knob on the front panel do this ?

regards,

Rik
--
Bravely reimplemented by the knights who say "NIH".

http://www.surriel.com/ http://distro.conectiva.com/

2168. Re: Joyful DXing by IC-R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-01 13:02:58 UTC
From: ondatropical
Topic: 2154 Message: 2168

My IC-R75 (w/ high-stability oscillator) frequency readout is extremely accurate and only varies by about 1 hz from MW up to 20 mHz. I have my set calibrated perfectly at 5 mHz and the set is only off -1 hz in the MW band and and +1 hz at 15 mHz. Using a software based spectrum analyzer allows me to quickly and confidently make frequency measurements accurate to 1 hz.

2169. Re: How about CR-282 TCXO?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-01 13:17:22 UTC
From: ondatropical
Topic: 2140 Message: 2169

Manabu,

My IC-R75 is equipped with the TXCO and I am very impressed with the performance. The rig is rock solid stanle within a few minutes from a cold start and drift is non-existent from that point on.

I have also found my R75 to be exteremly accurate across the spectrum covered. I have my set carefully calibrated to be dead on frequency at 5 mHz and is only off -1 hz at MW and +1 hz at 15 mHz. I am unsure if the TXCO itself results in this very high frequency accuracy but I can highly recommend.

The performance of the R75 is very impressive indeed. I am also interested in tropical band freqency distribution and the R75 allows me to take confident frequency measurements to 1 hz throughout the tropical bands. I use a software based spectrum analyzer called Spectrogram to aid in PFM and signal analysis.

Brandon Jordan,
Memphis, TN USA

2170. Re: "hidden functions" on r75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-01 13:36:30 UTC
From: ondatropical
Topic: 2148 Message: 2170

Mark--

> Realizing that sometimes this is too much of a pain at
> times (for example, sometimes you just want to tune AM
> signals in SSB to avoid QRM and not have to keep switching
> modes back), I'm building in an option to turn this
> feature off in v4.

That is great news indeed, I look forward to the new release.

Are you familiar with the 'NRD' control software for the NRD-535D? I am wondering if it would be possible for you to tweak the spectrum display function of your R75 Smart control software that would allow the plot to be based on averaged signal strength readings of each sweep, like the NRD software?

2171. Use of R75 Speaker Jacks

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-01 19:43:50 UTC
From: Moxie3
Topic: 2171 Message: 2171

Didn't have any previous luck using my amplified speakers connected to the 'REC' jack, as recommended in Phil's R75 Cookbook, so I tried again - and still no luck. I now tried using the speakers in the 'EXT SP' jack and they work great. Is everyone who is using amplified speakers using the 'REC' jack or am I doing something wrong here. Also, is there a problem with using the "EXT SP" jack for amplified speakers?

George

[Non-text portions of this message have been removed]

2172. Thanks□I

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-01 22:00:21 UTC
From: manabu662001
Topic: 2140 Message: 2172

□@I'll try!

Manabu Doi, a SWL in Okayama Japan

2173. Re: [icomr75] Re: "hidden functions" on r75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-01 22:18:17 UTC
From: Mark J. Fine
Topic: 2148 Message: 2173

From: "ondatropical" <bjordan@...>
> display function of your R75 Smart control software that would allow
> the plot to be based on averaged signal strength readings of each

Yes, I was planning on expanding that feature a bit. The current display shows overlaid actuals, but only shows the average on a refresh. Was thinking about an option to show current, accumulated, and/or average sweep values.

73,

Mark J. Fine / mark.fine@...
Remington, Virginia, USA

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- East Coast Monitor, Monitoring Times: http://www.grove-ent.com
- English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa

2174. Speakers

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-01 23:25:25 UTC
From: k4ten
Topic: 2174 Message: 2174

The 4" RCA speakers are on sale at Radio Shack for $9.99 They are normaly $19.99. They were on sale last month for $14.99. The sales rep thought that they are going to be discontinued. These are great sounding speakers! the stock number is 40-5024. They can be seen online at:

http://www.radioshack.com/product.asp?catalog%5Fname=CTLG&category%5Fname=CTLG%5F002%5F006%5F002%5F000&product%5Fid=40%2D5024

Thank you to the person who mentioned the web special on the B & W swl antenna. I got one of those and it works fine. I installed it in my attic crawl space. It is not as good as my G5RV which is outside and up at 55 feet, of course, but I can use this one no mater what the weather is doing. I do not have to unhook it every time a storm approaches.

73,
K4TEN
Frankie in Bristol VA

2175. Re: Use of R75 Speaker Jacks

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-01 23:56:27 UTC
From: just_rtfm
Topic: 2171 Message: 2175

hi George:

if the amplified speakers do not have a volume control then you will probably want to use the 'EXT SP' jack. if they take regular 'line voltage' AND have a volume control then use 'REC'. i will listen in on the responses and make changes in the next cookbook edition if necessary.

regards,
phil :)

2176. Re: Further to the MW attenuator

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-02 00:02:32 UTC
From: just_rtfm
Topic: 2166 Message: 2176

> > Do you think it would be at all possible to install a variable
> > attenuator on the R75?
>
> Won't the RF gain knob on the front panel do this ?

i sorta thought the same thing Rik... if the signal gets knocked down too far you can always boost it back up. an external attenuator, or external tuner, or low-pass / high-pass filter are options also, depending on what one wants achieved.

phil :)

2177. Re: Speakers

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-02 00:37:49 UTC
From: radiohighfreq
Topic: 2174 Message: 2177

K4Ten,
.
Thanks for the tip on the RCA's being on Sale at R/S.
.
Concerning your new 'in the attic' antenna: EMF from nearby
lightening, does not stop at your roof line. A close storm that could
cause damage with an outside antenna may very well cause damage with
an 'in the attic' antenna.
.
~ RHF
.
- - - In icomr75@y..., "k4ten" <k4ten@y...> wrote:
> The 4" RCA speakers are on sale at Radio Shack for $9.99 They are
> normaly $19.99. They were on sale last month for $14.99. The sales
> rep thought that they are going to be discontinued. These are great
> sounding speakers! the stock number is 40-5024. They can be seen
> online at:
>
> http://www.radioshack.com/product.asp?catalog%5Fname=CTLG&category%
> 5Fname=CTLG%5F002%5F006%5F002%5F000&product%5Fid=40%2D5024
>
> Thank you to the person who mentioned the web special on the B & W
> swl antenna. I got one of those and it works fine. I installed it
> in my attic crawl space. It is not as good as my G5RV which is
> outside and up at 55 feet, of course, but I can use this one no
mater
> what the weather is doing. I do not have to unhook it every time a
> storm approaches.
>
>
> 73,
> K4TEN
> Frankie in Bristol VA

2178. Re: Use of R75 Speaker Jacks

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-02 00:53:15 UTC
From: radiohighfreq
Topic: 2171 Message: 2178

George & Phil,
.
Are both the REC Output Jack and the EXT SP Output Jack: Mono Jacks
that are wire 'mono'.
.
Or, is the REC Output Jack a Mono Jack that is wire 'mono'; and the
EXT SP Output Jack a Stereo Jack that is wire 'mono'.
.
The reason for the question is pluging a Stereo Plug into a mono jack;
can cause a shorting out of the output and "No Audio". However,
pluging a Stereo Plug into a stereo jack (wired mono) would simply
cause a both left and right stereo channels to be the same "mono
audio".
.
George, you may wish to try the set-up over again using a
Stereo-to-Mono Adapter.
.
As a General Rule: Make Sure that the Plug Matches the Jack.
.
Hey, That Sounds Good To Me ~ RHF
.
.
- - - In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> hi George:
>
> if the amplified speakers do not have a volume control then you will
> probably want to use the 'EXT SP' jack. if they take regular 'line
> voltage' AND have a volume control then use 'REC'. i will listen in
> on the responses and make changes in the next cookbook edition if
> necessary.
>
> regards,
> phil :)

2179. Re: [icomr75] Re: Use of R75 Speaker Jacks

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-02 02:04:34 UTC
From: Moxie3
Topic: 2171 Message: 2179

Phil,

Yes, the amplified speakers have a volume control and use line voltage. When the speakers are connected to the 'REC' jack, the volume is very low and weak at max volume. I tried using the 'EXT SP' jack and the speakers work fine with more than ample volume. What do you think?

George

----- Original Message -----
From: just_rtfm
To: icomr75@yahoogroups.com
Sent: Thursday, August 01, 2002 6:56 PM
Subject: [icomr75] Re: Use of R75 Speaker Jacks

hi George:

if the amplified speakers do not have a volume control then you will
probably want to use the 'EXT SP' jack. if they take regular 'line
voltage' AND have a volume control then use 'REC'. i will listen in
on the responses and make changes in the next cookbook edition if
necessary.

regards,
phil :)

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[Non-text portions of this message have been removed]

2180. Re: Further to the MW attenuator

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-02 01:12:08 UTC
From: atagrasin
Topic: 2166 Message: 2180

> > Won't the RF gain knob on the front panel do this ?
>
> i sorta thought the same thing Rik... if the signal gets knocked
down
> too far you can always boost it back up. an external attenuator, or
> external tuner, or low-pass / high-pass filter are options also,
> depending on what one wants achieved.
>
HI Phil:I have installed the sensitivity mod[the one's that include
the 1MH inductor and a 100 ohm resistor]and I can control a very
strong signal gain with the RF gain knob and the R-75 toggle
attenuator.No external attenuator or an external option needed.

2181. Re: [icomr75] Re: Use of R75 Speaker Jacks

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-02 02:20:55 UTC
From: Moxie3
Topic: 2171 Message: 2181

RHF,

Appears that both, the 'REC' and 'EXT SP' jacks are mono. To receive sound from both speakers, you must use a mono adapter plug; this mono adapter plug is inserted into the R75 jack, and the stereo plug with cord (which is attached to the speakers) is plugged into the mono jack. Both jacks perform in the same manner, that is, you need to use the mono adapter plug to receive sound from both speakers.
Thanks anyway.

George
----- Original Message -----
From: radiohighfreq
To: icomr75@yahoogroups.com
Sent: Thursday, August 01, 2002 7:53 PM
Subject: [icomr75] Re: Use of R75 Speaker Jacks

George & Phil,
.
Are both the REC Output Jack and the EXT SP Output Jack: Mono Jacks
that are wire 'mono'.
.
Or, is the REC Output Jack a Mono Jack that is wire 'mono'; and the
EXT SP Output Jack a Stereo Jack that is wire 'mono'.
.
The reason for the question is pluging a Stereo Plug into a mono jack;
can cause a shorting out of the output and "No Audio". However,
pluging a Stereo Plug into a stereo jack (wired mono) would simply
cause a both left and right stereo channels to be the same "mono
audio".
.
George, you may wish to try the set-up over again using a
Stereo-to-Mono Adapter.
.
As a General Rule: Make Sure that the Plug Matches the Jack.
.
Hey, That Sounds Good To Me ~ RHF
.
.
- - - In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> hi George:
>
> if the amplified speakers do not have a volume control then you will
> probably want to use the 'EXT SP' jack. if they take regular 'line
> voltage' AND have a volume control then use 'REC'. i will listen in
> on the responses and make changes in the next cookbook edition if
> necessary.

>
> regards,
> phil :)

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[Non-text portions of this message have been removed]

2182. Re: How about CR-282 TCXO?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-02 03:44:10 UTC
From: manabu662001
Topic: 2140 Message: 2182

Dear Mr.Jordan

>I have my set carefully calibrated to be dead on frequency
>at 5 mHz and is only off -1 hz at MW and +1 hz at 15 mHz. I am
>unsureif the TXCO itself results in this very high frequency
>accuracy but I can highly recommend.

Great! The accuracy is within 0.2ppm!

Also I'm interested in your software for measurement.
I measure frequencies of some TPDX stations by comparison between
their offset beat and refferrencial tone.
For example, I measured Liberian Communications Network(presumed)
as 5100.007kHz in this morning. First,I set my R75 in LSB-mode,
then set the frequency around 5100.3kHz in VFO mode. Second, I recall
the 5000.250kHz (LSB-mode) from MEMO chs. 5000.250kHz provides a
250Hz tone caused by HLA or WWVH just on 5000kHz.
So, I tune carefully around 5100.3kHz for coincide two tones,
changing VFO/MEMO.
I needed about 30seconds for measurement Finally I found, on
5100.257kHz, R75 told me the same tone to 5000.250kHz. Therefore
I measured 5100.007kHz.

Also I measured Radio Tanzania to 5050.084kHz by same way.
DXing with R75 is really fantastic.

Regards,

Manabu Doi, a SWL in Okayama Japan

2183. Re: Use of R75 Speaker Jacks

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-02 04:12:32 UTC
From: just_rtfm
Topic: 2171 Message: 2183

hi George:

i guess the amplified speaker's input expects a certain amount of
juice that the 'REC' output is not providing. what would concern me
is to make sure the amplified speaker input is not being fed more or
less than it wants.

regards,
phil :)

2184. Re: [icomr75] Re: Use of R75 Speaker Jacks

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-02 10:26:25 UTC
From: Eric F. Richards
Topic: 2171 Message: 2184

At 04:12 AM 8/2/2002 +0000, you wrote:
>hi George:
>
>i guess the amplified speaker's input expects a certain amount of
>juice that the 'REC' output is not providing. what would concern me
>is to make sure the amplified speaker input is not being fed more or
>less than it wants.
>
>regards,
>phil :)
>

That's almost certainly the case, Phil. Most sound cards can drive
small, unamplified speakers directly. One of mine has a 20 watt amp
in the output. Also, the "rec out" jacks on my 8500 are at mic level,
not line level, so the R75 may be the same way.

>

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2185. Re: [icomr75] Re: Use of R75 Speaker Jacks

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-02 12:03:27 UTC
From: Moxie3
Topic: 2171 Message: 2185

Hi Phil,

I just remembered that I originally bought the amplified speakers for an inexpensive portable cassette player. The cassette player didn't have a speaker so I connected the amplified speakers' connection to the headphone output of the cassette player; it worked fine. Also in the distant past, I used the speakers with a small Sony shortwave radio (ICF PRO80); I did the same connection as with the cassette player and the Sony worked fine.

Let me ask you this: Do you see any harm in connecting amplified speakers to the 'EXT SP' jack? I'm concerned about damaging the R75 but not the speakers - was thinking that maybe the R75 could receive feedback from the speakers. I remember reading posts that some group members are using amplified speakers and I'm wondering which jack they're using. When I get some time, I'll search the posts and ask them. Thanks,

George
----- Original Message -----
From: just_rtfm
To: icomr75@yahoogroups.com
Sent: Thursday, August 01, 2002 11:12 PM
Subject: [icomr75] Re: Use of R75 Speaker Jacks

hi George:

i guess the amplified speaker's input expects a certain amount of
juice that the 'REC' output is not providing. what would concern me
is to make sure the amplified speaker input is not being fed more or
less than it wants.

regards,
phil :)

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2186. Speakers for the R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-02 12:28:46 UTC
From: atagrasin
Topic: 2186 Message: 2186

HI Phil and others:In my R-75 I'm using the optimus AMX-19 amp speakers from RS[This month only $14.95 ,was $59.95 6 month ago]I am using the recorder jack[rec out]for the speakers.In this way I can use the radio own speaker for the high's and the external speakers for the mid and bass.Sound super with this arrangement.

2187. Re: [icomr75] Speakers for the R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-02 17:30:58 UTC
From: Moxie3
Topic: 2186 Message: 2187

Did you mean to say 19 watt and not 19 amp? I searched the RS catalog but they no longer have Optimus speakers. I then call RS and was informed that Optimus speakers are being discontinued. Do you have an item number for the speakers as they still have some on clearance but they need the item number to search inventory? Lastly, do you get much volume from the Optimus speakers when using the 'REC' jack?
----- Original Message -----
From: atagrasin
To: icomr75@yahoogroups.com
Sent: Friday, August 02, 2002 7:28 AM
Subject: [icomr75] Speakers for the R-75

HI Phil and others:In my R-75 I'm using the optimus AMX-19 amp
speakers from RS[This month only $14.95 ,was $59.95 6 month ago]I am
using the recorder jack[rec out]for the speakers.In this way I can
use the radio own speaker for the high's and the external speakers
for the mid and bass.Sound super with this arrangement.

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[Non-text portions of this message have been removed]

2188. Re: Use of R75 Speaker Jacks

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-02 20:43:45 UTC
From: njlar
Topic: 2171 Message: 2188

George,

I think you've found the problem. There are amplified speakers that have a low impedance input that was designed to be plugged into the headphone jack of a portable music player, and there are those with high impedance inputs designed to be plugged into the "line out" jack of a soundcard, etc. The former should be plugged into the ext-speaker jack, the latter into the rec-out jack.

The R75 should be perfectly happy with your speakers plugged into the ext-speaker jack, since the low impedance load presented by them looks just like a speaker. I think I would turn the R75 volume down as low as it will go and still give you adequate max volume in the speakers, and then use the speakers volume to control as needed. This will make the speakers do all the work and let the R75 run cooler, not that it's a problem, but that can only be a good thing.

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Hi Phil,
>
> I just remembered that I originally bought the amplified speakers for an inexpensive portable cassette player. The cassette player didn't have a speaker so I connected the amplified speakers' connection to the headphone output of the cassette player; it worked fine. Also in the distant past, I used the speakers with a small Sony shortwave radio (ICF PRO80); I did the same connection as with the cassette player and the Sony worked fine.
>
> Let me ask you this: Do you see any harm in connecting amplified speakers to the 'EXT SP' jack? I'm concerned about damaging the R75 but not the speakers - was thinking that maybe the R75 could receive feedback from the speakers. I remember reading posts that some group members are using amplified speakers and I'm wondering which jack they're using. When I get some time, I'll search the posts and ask them. Thanks,
>
> George
> ----- Original Message -----
> From: just_rtfm
> To: icomr75@y...
> Sent: Thursday, August 01, 2002 11:12 PM
> Subject: [icomr75] Re: Use of R75 Speaker Jacks
>
>
> hi George:
>

> i guess the amplified speaker's input expects a certain amount of
> juice that the 'REC' output is not providing. what would concern
me
> is to make sure the amplified speaker input is not being fed more
or
> less than it wants.
>
> regards,
> phil :)
>
>
>
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>
>
>
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Service.
>
>
>
> [Non-text portions of this message have been removed]

2189. Re: Speakers for the R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-02 22:22:18 UTC
From: atagrasin
Topic: 2186 Message: 2189

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Did you mean to say 19 watt and not 19 amp? I searched the RS catalog but they no longer have Optimus speakers. I then call RS and was informed that Optimus speakers are being discontinued. Do you have an item number for the speakers as they still have some on clearance but they need the item number to search inventory? Lastly, do you get much volume from the Optimus speakers when using the 'REC' jack?
HI: The part number for the optimus is 40-1406,Yes I get very good volume using the rec jack remember this are amplified speakers.

2190. Re: Use of R75 Speaker Jacks

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-03 01:22:07 UTC
From: just_rtfm
Topic: 2171 Message: 2190

i agree with this post... use as little R75 volume as possible and
let the amplified speaker amp work (heat up) instead of your ICOM...
but also don't make it so you have to run the external amp near
maximum or it may distort the audio.

phil :)

2191. Re: [icomr75] Re: Speakers for the R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-03 02:33:42 UTC
From: Moxie3
Topic: 2186 Message: 2191

The Koss amplified speakers I have are 9 watts but only work with the 'EXT SP' jack. I would prefer having them work with the 'REC' jack so the R75 speaker would work as well. But so be it. Maybe I'll call about those Optimus speakers to see if RS still has any in stock. Thanks,
----- Original Message -----
From: atagrasin
To: icomr75@yahoogroups.com
Sent: Friday, August 02, 2002 5:22 PM
Subject: [icomr75] Re: Speakers for the R-75

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Did you mean to say 19 watt and not 19 amp? I searched the RS
catalog but they no longer have Optimus speakers. I then call RS and
was informed that Optimus speakers are being discontinued. Do you
have an item number for the speakers as they still have some on
clearance but they need the item number to search inventory? Lastly,
do you get much volume from the Optimus speakers when using the 'REC'
jack?
HI: The part number for the optimus is 40-1406,Yes I get very good
volume using the rec jack remember this are amplified speakers.

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[Non-text portions of this message have been removed]

2192. Re: [icomr75] Re: Use of R75 Speaker Jacks

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-03 02:39:07 UTC
From: Moxie3
Topic: 2171 Message: 2192

NJAR,

How would I know whether the speakers (Koss ES-50) are low impedance or high impedance? Should I locate the brochure that came with the speakers (actually I looked for the brochure but could not find it, I'll try again)? What would tell me about impedance? There is nothing noted on the speakers. I tried locating a web site to give me specs but didn't find anything.

George
----- Original Message -----
From: njlar
To: icomr75@yahoogroups.com
Sent: Friday, August 02, 2002 3:43 PM
Subject: [icomr75] Re: Use of R75 Speaker Jacks

George,

I think you've found the problem. There are amplified speakers that have a low impedance input that was designed to be plugged into the headphone jack of a portable music player, and there are those with high impedance inputs designed to be plugged into the "line out" jack of a soundcard, etc. The former should be plugged into the ext-speaker jack, the latter into the rec-out jack.

The R75 should be perfectly happy with your speakers plugged into the ext-speaker jack, since the low impedance load presented by them looks just like a speaker. I think I would turn the R75 volume down as low as it will go and still give you adequate max volume in the speakers, and then use the speakers volume to control as needed. This will make the speakers do all the work and let the R75 run cooler, not that it's a problem, but that can only be a good thing.

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Hi Phil,
>
> I just remembered that I originally bought the amplified speakers for an inexpensive portable cassette player. The cassette player didn't have a speaker so I connected the amplified speakers' connection to the headphone output of the cassette player; it worked fine. Also in the distant past, I used the speakers with a small Sony shortwave radio (ICF PRO80); I did the same connection as with the cassette player and the Sony worked fine.
>
> Let me ask you this: Do you see any harm in connecting amplified speakers to the 'EXT SP' jack? I'm concerned about damaging the R75 but not the speakers - was thinking that maybe the R75 could receive

feedback from the speakers. I remember reading posts that some
group members are using amplified speakers and I'm wondering which
jack they're using. When I get some time, I'll search the posts and
ask them. Thanks,
>
> George
> ----- Original Message -----
> From: just_rtfm
> To: icomr75@y...
> Sent: Thursday, August 01, 2002 11:12 PM
> Subject: [icomr75] Re: Use of R75 Speaker Jacks
>
>
> hi George:
>
> i guess the amplified speaker's input expects a certain amount of
> juice that the 'REC' output is not providing. what would concern
me
> is to make sure the amplified speaker input is not being fed more
or
> less than it wants.
>
> regards,
> phil :)
>
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2193. smart icom32 query

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-03 12:41:00 UTC
From: gricer37
Topic: 2193 Message: 2193

When i use the memory capture function not all the channels are captured although they are in the radios memory.I am uploading the memory files from the icom software to the radio and then downloading via smart icom32 as the saved memory formats are different.Everything else seems to work as expected,just wish i had herd about smart icom before i bought icoms software.

2194. Re: [icomr75] Re: Use of R75 Speaker Jacks

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-03 18:16:26 UTC
From: Moxie3
Topic: 2171 Message: 2194

NILAR,

Finally found the pamphlet that came with the Koss speakers. It's not very descriptive but it does say to plug the speakers to a headphone jack on the audio source.

George

----- Original Message -----
From: njlar
To: icomr75@yahoogroups.com
Sent: Friday, August 02, 2002 3:43 PM
Subject: [icomr75] Re: Use of R75 Speaker Jacks

George,

I think you've found the problem. There are amplified speakers that have a low impedance input that was designed to be plugged into the headphone jack of a portable music player, and there are those with high impedance inputs designed to be plugged into the "line out" jack of a soundcard, etc. The former should be plugged into the ext-speaker jack, the latter into the rec-out jack.

The R75 should be perfectly happy with your speakers plugged into the ext-speaker jack, since the low impedance load presented by them looks just like a speaker. I think I would turn the R75 volume down as low as it will go and still give you adequate max volume in the speakers, and then use the speakers volume to control as needed. This will make the speakers do all the work and let the R75 run cooler, not that it's a problem, but that can only be a good thing.

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Hi Phil,
>
> I just remembered that I originally bought the amplified speakers for an inexpensive portable cassette player. The cassette player didn't have a speaker so I connected the amplified speakers' connection to the headphone output of the cassette player; it worked fine. Also in the distant past, I used the speakers with a small Sony shortwave radio (ICF PRO80); I did the same connection as with the cassette player and the Sony worked fine.
>
> Let me ask you this: Do you see any harm in connecting amplified speakers to the 'EXT SP' jack? I'm concerned about damaging the R75 but not the speakers - was thinking that maybe the R75 could receive feedback from the speakers. I remember reading posts that some group members are using amplified speakers and I'm wondering which jack they're using. When I get some time, I'll search the posts and

ask them. Thanks,
>
> George
> ----- Original Message -----
> From: just_rtfm
> To: icomr75@y...
> Sent: Thursday, August 01, 2002 11:12 PM
> Subject: [icomr75] Re: Use of R75 Speaker Jacks
>
>
> hi George:
>
> i guess the amplified speaker's input expects a certain amount of
> juice that the 'REC' output is not providing. what would concern
me
> is to make sure the amplified speaker input is not being fed more
or
> less than it wants.
>
> regards,
> phil :)
>
>
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2195. Re: [icomr75] Re: Use of R75 Speaker Jacks

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-03 18:23:16 UTC
From: Moxie3
Topic: 2171 Message: 2195

Phil,

Ok, I understand. I have located but not bought the Optimus speakers someone mentioned (sale for $15, reg. $50) which will work from the 'REC' jack, thereby having the ability to use the R75 speaker and the amplified speakers together. In your opinion, with all things being equal, would it be best to attach my Koss amplified speakers to the 'EXT SP' jack or the Optimus speakers to the 'REC' jack. In other words, which output jack places less stress/load on the R75, or doesn't it matter?

George
----- Original Message -----
From: just_rtfm
To: icomr75@yahoogroups.com
Sent: Friday, August 02, 2002 8:22 PM
Subject: [icomr75] Re: Use of R75 Speaker Jacks

i agree with this post... use as little R75 volume as possible and
let the amplified speaker amp work (heat up) instead of your ICOM...
but also don't make it so you have to run the external amp near
maximum or it may distort the audio.

phil :)

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2197. Re: Use of R75 Speaker Jacks

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-03 20:32:01 UTC
From: atagrasin
Topic: 2171 Message: 2197

--- In icomr75@y..., "atagrasin" <k1c2@h...> wrote:
> --- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> > Phil,
> >
> > Ok, I understand. I have located but not bought the Optimus
> speakers someone mentioned (sale for $15, reg. $50) which will work
> from the 'REC' jack, thereby having the ability to use the R75
> speaker and the amplified speakers together. In your opinion, with
> all things being equal, would it be best to attach my Koss
amplified
> speakers to the 'EXT SP' jack or the Optimus speakers to the 'REC'
> jack. In other words, which output jack places less stress/load on
> the R75, or doesn't it matter?
> HI M:Try both but the "REC" jack give you independent volumen
control
> for the stock internal speaker that you can use as the high
frequency
> [audio] speaker and the koss as the mid and low frequency
speakers.I don't recomend you to use the ext speaker jack.This jack
is for no-amp speakers.

2198. Re: [icomr75] Re: Use of R75 Speaker Jacks

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-03 21:21:41 UTC
From: Eric F. Richards
Topic: 2171 Message: 2198

At 08:32 PM 8/3/2002 +0000, you wrote:
>I don't recomend you to use the ext speaker jack.This jack
>is for no-amp speakers.

Yes, butbutbut....

Most active PC speakers are designed to work with a variety of sound cards. 3 of my 5 cards produce output strong enough to drive speakers directly; one of them has a serious amplifier onboard.

I think you'll have no problem plugging in the PC speakers to the EXT SP jack. Especially if the speaker's on/off switch directly connects the speaker to the cable.

If you can run them that way, great. If not, try the other method. The obvious cue that you are driving the input too hard will be very harsh distortion.

Now. That said, I do have *one* set of speakers that expect very low level input -- Cambridge Soundworks speakers. However, they have definitely been the exception, not the rule, and they came with an in-line volume control for attenuation.

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2199. Re: [icomr75] smart icom32 query

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-04 00:44:52 UTC
From: Mark J. Fine
Topic: 2193 Message: 2199

From: "gricer37" <gricer37@...>
> else seems to work as expected,just wish i had herd about smart icom
> before i bought icoms software.

Thanks for the kind words.

> When i use the memory capture function not all the channels are
> captured although they are in the radios memory.I am uploading the

Hmm. Might mean that you need to up the pacing delay just a bit. As it steps up through the memories, it may not be correctly receiving data on the ones you are missing. The thing that's odd, is that if there is such an error the program is supposed to alert you so it can retry. I'd have to investigate why this alert may have never appeared, if that's the case.

73,

Mark J. Fine / mark.fine@...
Remington, Virginia, USA

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- English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa

2200. Re: [icomr75] Re: Use of R75 Speaker Jacks

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-04 02:37:45 UTC
From: Moxie3
Topic: 2171 Message: 2200

Eric,

My Koss speakers have the volume control directly on the speaker case, not the cord. What model Cambridge Soundworks speakers do you have? I understand they make a real fine product. Have you ever heard the Icom ext. speaker (I think it's the SP21)? Many in the group characterized the sound as "muddy" but it appears difficult to achieve great sound for voice and otherwise.

George
----- Original Message -----
From: Eric F. Richards
To: icomr75@yahoogroups.com
Sent: Saturday, August 03, 2002 4:21 PM
Subject: Re: [icomr75] Re: Use of R75 Speaker Jacks

At 08:32 PM 8/3/2002 +0000, you wrote:
>I don't recomend you to use the ext speaker jack.This jack
>is for no-amp speakers.

Yes, butbutbut....

Most active PC speakers are designed to work with a variety of sound cards. 3 of my 5 cards produce output strong enough to drive speakers directly; one of them has a serious amplifier onboard.

I think you'll have no problem plugging in the PC speakers to the EXT SP jack. Especially if the speaker's on/off switch directly connects the speaker to the cable.

If you can run them that way, great. If not, try the other method. The obvious cue that you are driving the input too hard will be very harsh distortion.

Now. That said, I do have *one* set of speakers that expect very low level input -- Cambridge Soundworks speakers. However, they have definitely been the exception, not the rule, and they came with an in-line volume control for attenuation.

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

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2201. Re: [icomr75] Re: Use of R75 Speaker Jacks

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-04 01:44:29 UTC
From: Eric F. Richards
Topic: 2171 Message: 2201

At 09:37 PM 8/3/2002 -0500, you wrote:
>Eric,
>
>My Koss speakers have the volume control directly on the speaker case, not
>the cord. What model Cambridge Soundworks speakers do you have? I
>understand they make a real fine product. Have you ever heard the Icom
>ext. speaker (I think it's the SP21)? Many in the group characterized the
>sound as "muddy" but it appears difficult to achieve great sound for voice
>and otherwise.

Most speakers have the control on the speaker case. I believe this was
a cheap way to correct a design misunderstanding.

Henry Kloss was never big on model numbers... the only distinguishing
tag on these is "microworks" on the subwoofer.

These are high fidelity speakers and aren't really a good choice for
a short wave receiver.

I haven't heard the SP21. I don't use my r-75 much these days.
My 8500s have no fidelity problems at all, so they (I have 2) don't
need external speakers.

>George
> ----- Original Message -----
> From: Eric F. Richards
> To: icomr75@yahoogroups.com
> Sent: Saturday, August 03, 2002 4:21 PM
> Subject: Re: [icomr75] Re: Use of R75 Speaker Jacks
>
>
> At 08:32 PM 8/3/2002 +0000, you wrote:
> >I don't recomend you to use the ext speaker jack.This jack
> >is for no-amp speakers.
>
> Yes, butbutbut....
>
> Most active PC speakers are designed to work with a variety of sound cards.
> 3 of my 5 cards produce output strong enough to drive speakers
> directly; one
> of them has a serious amplifier onboard.
>
> I think you'll have no problem plugging in the PC speakers to the EXT SP
> jack. Especially if the speaker's on/off switch directly connects the
> speaker to the cable.
>

> If you can run them that way, great. If not, try the other method. The
> obvious cue that you are driving the input too hard will be very harsh
> distortion.
>
> Now. That said, I do have *one* set of speakers that expect very low
> level input -- Cambridge Soundworks speakers. However, they have
> definitely
> been the exception, not the rule, and they came with an in-line volume
> control for attenuation.
>
>
> --
> Eric F. Richards
> efricha@...
> "The weird part is that I can feel productive even when I'm doomed."
> - Dilbert
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--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2202. Re: smart icom32 query

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-04 03:14:39 UTC
From: just_rtfm
Topic: 2193 Message: 2202

hi Mark:

i was curious what this 'delay' is that everyone is talking about. is your program sending the data faster than the ICOM can process it? i sometimes notice if i do not do a small delay (say 50 mS) that the ICOM will sometimes 'eat' the next command.

phil :)

2203. Re: smart icom32 query

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-04 11:51:58 UTC
From: gricer37
Topic: 2193 Message: 2203

Using the software just as it was un-zipped.only fiddled with the
bits that have to be done when first used.

--- In icomr75@y..., "Mark J. Fine" <mark.fine@f...> wrote:
> From: "gricer37" <gricer37@y...>
> > else seems to work as expected,just wish i had herd about smart
icom
> > before i bought icoms software.
>
> Thanks for the kind words.
>
> > When i use the memory capture function not all the channels are
> > captured although they are in the radios memory.I am uploading the
>
> Hmm. Might mean that you need to up the pacing delay just a bit.
As it
> steps up through the memories, it may not be correctly receiving
data on the
> ones you are missing. The thing that's odd, is that if there is
such an
> error the program is supposed to alert you so it can retry. I'd
have to
> investigate why this alert may have never appeared, if that's the
case.
>
> 73,
>
> Mark J. Fine / mark.fine@f...
> Remington, Virginia, USA
>
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http://www.anarc.org/naswa

2204. Re: [icomr75] Re: smart icom32 query

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-04 12:04:35 UTC
From: Mark J. Fine
Topic: 2193 Message: 2204

Phil,
> i was curious what this 'delay' is that everyone is talking about. is

My programs use an synchronous polling system, where it sends something and then expects something back in order to process it. An asynchronous alternative is to send commands and then just process things from a queue as they come in. The latter method can be somewhat reliable if you can later decipher what each received string was a response to. The former can be more reliable, but needs a timing window to work within, which I call a pacing delay.

The delay in a polling system paces a command string sent from the program, and also acts as a timing window for things to come back. If nothing comes back in the allotted time, then I know to retry the poll. All of my programs try 3 times to get a response. If nothing comes back after 3 tries you get a beep, telling you that something failed. This also allows the user to tweak a value that fits the radio, as well as the computer's processing speed.

Since the serial rate is fairly fixed for each product (SIC32 expects the 19200bps rate, whereas SRC32 uses 9600bps), the main difference to the user is basically computer speed and the response time of the radio. The same pacing delay would work different for someone using a 486DX/33 vs. a P4/2.33. The smaller the number, the better the response time, but polling reliability decreases. The higher the number, the response time suffers and seems sluggish, but the polling reliability increases.

Hopefully I didn't fill this with too much comms-engineer-speak. <G>

73,

Mark J. Fine / mark.fine@...
Remington, Virginia, USA

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2205. (no subject)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-03 19:17:33 UTC
From: Lionel Roithmeir
Topic: 2205 Message: 2205

[Body unavailable in the source archive]

2206. Re: smart icom32 query

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-05 01:04:53 UTC
From: just_rtfm
Topic: 2193 Message: 2206

howdy Mark!

> My programs use an synchronous polling system

when i need a response what i do is send the ICOM a command and set a timer so that it can be checked. if nothing is in the queue or the queue is not filled with the response to that particular command the timer can be reset. this sounds similar to your polling method. i never got around to testing how fast the ICOM responds... might do it sometime just out of curiousity.

> Hopefully I didn't fill this with too much comms-engineer-speak. <G>

no, i liked your post. it is nice to be able to talk to radio people who also program... especially someone who is the author of a really good control program: Smart ICOM Control!

regards,
phil :)

2207. Re: [icomr75] Re: smart icom32 query

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-05 01:22:29 UTC
From: Mark J. Fine
Topic: 2193 Message: 2207

From: "just_rtfm" <just_rtfm@...>
> no, i liked your post. it is nice to be able to talk to radio people
> who also program... especially someone who is the author of a really

I used to be involved with an air-ground reporting network that also used a serial polling system, called the Net Radio Protocol (NRP) used on ARC-164s [some former 98Gs may have even used it and not known it <G>]. There were ACK/NAK mechanisms for supporting polling and it was designed into the system. What I provide is a workaround to try to assume ACKs and NAKs based on timing.

> timer so that it can be checked. if nothing is in the queue or the
> queue is not filled with the response to that particular command the

This is similar to what I have, although I'm not using timer resources - just a simple mSec delay counter.

> never got around to testing how fast the ICOM responds... might do it
> sometime just out of curiousity.

I was going to mention this in the last post. Interesting things is that radios (including the R8 and NRD series) seem to take a bit longer to process memory actions than regular tuning actions. I can't precisely quantify just how much, but it is significantly slower - adds as much as 10-20mS or so, depending on the radio and even sometimes what memory channel it is in.

73,

Mark J. Fine / mark.fine@...
Remington, Virginia, USA

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2208. How about CR-282 TCXO?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-05 13:05:58 UTC
From: ondatropical
Topic: 2140 Message: 2208

> Also I'm interested in your software for measurement.

I use an application called Spectrogram. The application basically samples the audio output of your receiver and creates a spectrum analysis. I find configuring the software to display the 50 to 150 Hz portion of the spectrum and then making frequency measurements 100 Hz from carrier frequency while in USB (or LSB depending on intereference).

After correct frequency (to 1 hz) is determined then I can just tune up (or down if in LSB) 100 Hz and be directly on frequency. This method only takes a few seconds to make a measurement.

2209. Re: Speakers for the R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-05 15:25:45 UTC
From: njlar
Topic: 2186 Message: 2209

I haven't tried this, but you should be able to make a "converter" as follows instead of buying new speakers: Go to the Shack and buy an audio output transformer and the appropriate jack and plug. Connect the EXT SP jack to the low impedance winding, and the high impedance winding to the Koss input. While you're at it, you can make sure both stereo inputs are fed with the same signal: use a stereo jack but wire both inputs in parallel to the transformer output.

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> The Koss amplified speakers I have are 9 watts but only work with the 'EXT SP' jack. I would prefer having them work with the 'REC' jack so the R75 speaker would work as well. But so be it. Maybe I'll call about those Optimus speakers to see if RS still has any in stock. Thanks,

2210. Re: Use of R75 Speaker Jacks

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-05 15:30:04 UTC
From: njlar
Topic: 2171 Message: 2210

Right. Headphone jack = low impedance. Line out = high impedance.

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> NILAR,
>
> Finally found the pamphlet that came with the Koss speakers. It's not very descriptive but it does say to plug the speakers to a headphone jack on the audio source.
>
> George
>

2211. Re: [icomr75] Re: Speakers for the R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-05 17:43:46 UTC
From: Moxie3
Topic: 2186 Message: 2211

Thanks for the info.

George
----- Original Message -----
From: njlar
To: icomr75@yahoogroups.com
Sent: Monday, August 05, 2002 10:25 AM
Subject: [icomr75] Re: Speakers for the R-75

I haven't tried this, but you should be able to make a "converter" as follows instead of buying new speakers: Go to the Shack and buy an audio output transformer and the appropriate jack and plug. Connect the EXT SP jack to the low impedance winding, and the high impedance winding to the Koss input. While you're at it, you can make sure both stereo inputs are fed with the same signal: use a stereo jack but wire both inputs in parallel to the transformer output.

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> The Koss amplified speakers I have are 9 watts but only work with the 'EXT SP' jack. I would prefer having them work with the 'REC' jack so the R75 speaker would work as well. But so be it. Maybe I'll call about those Optimus speakers to see if RS still has any in stock. Thanks,

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[Non-text portions of this message have been removed]

2212. FItat Speaker

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-06 00:26:47 UTC
From: Moxie3
Topic: 2212 Message: 2212

Has anyone tried the flat speakers sold by AmCom? They are full range, I think 11 x 14 inches and 2 inches thick.

George

[Non-text portions of this message have been removed]

2213. Re: smart icom32 query

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-05 23:29:22 UTC
From: just_rtfm
Topic: 2193 Message: 2213

hi Mark:

interesting post! i am working on a scanning program. i added a 50 mS
delay similar to what you described to help guarantee a non-empty
queue... i also use it as spacing between outgoing commands to
prevent overrun. part of my "get it running, tweak it later" :D.

> radios (including the R8 and NRD series) seem to take a bit
> longer to process memory actions than regular tuning actions.

i suspected this... and it makes me even more curious about the
timing (i'll test it eventually). the R75 uses an 8-bit Hitachi mcu
running at 9.8 MHz and although it is capable of ~1 MIP it may have
plenty to do and has only 2k of working RAM. btw, i also suspect
there are some easter eggs... a lot could be said on that screen ;).

phil :)

2214. FS or Trade R75 & 7600GR

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-06 15:58:35 UTC
From: dewayne48
Topic: 2214 Message: 2214

Icom R75 purchased new this year, DSP, box, manual, Icom PS, hard to tell from new, $450 shipped CONUS. Would consider a trade for a Drake R8 in same cond. Or would consider trading the R75 and a Sony 7600GR with Sony PS, box, and manual in excellent cond. for a Drake R8A in same cond. No cosmetically flawed items please. Satisfaction guaranteed. References available. Would also ship the Sony for $145.
DeWayne KE9K
Carmel, IN

2215. tuning steps

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-06 21:36:34 UTC
From: gricer37
Topic: 2215 Message: 2215

When using the r-75 you are limited to set tuning steps,but when i use the smart icom software i am able to use a tuning step of 3.00KHz, which i use for the airband frequency bands.Is it possable to programme the r-75 with this step permantly or is it only available via software(not available via icom software).

2216. Re: How about CR-282 TCXO?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-06 21:38:46 UTC
From: manabu662001
Topic: 2140 Message: 2216

Thanks again!

The application "Spectrogram" is very rapid method for measurement,
I understand.
I ordered CR-282 for my R75. I am waiting its arrival with pleasure.

Manabu Doi, a SWL in Okayama Japan

2217. Re: [icomr75] tuning steps

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-07 00:10:39 UTC
From: Mark J. Fine
Topic: 2215 Message: 2217

From: "gricer37" <gricer37@...>
> to programme the r-75 with this step permantly or is it only
> available via software(not available via icom software).

I don't think you can fine-tune the stepsizes on almost any radio, except for possibly multiples of ten (i.e., by the readout digits). I never could understand that considering program listening, where stations are basically spaced 5kHz apart; or for ship-to-shore, which depending upon band type can be 0.5kHz (digital) or 3kHz (voice). Even European BCB is 9kHz, which is rarely switchable on desktops.

73,

Mark J. Fine / mark.fine@...
Remington, Virginia, USA

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- East Coast Monitor, Monitoring Times: http://www.grove-ent.com
- English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa

2218. Re: tuning steps

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-07 03:46:56 UTC
From: manabu662001
Topic: 2215 Message: 2218

--- In icomr75@y..., "gricer37" <gricer37@y...> wrote:
> When using the r-75 you are limited to set tuning steps,but when i
> use the smart icom software i am able to use a tuning step of
> 3.00KHz, which i use for the airband frequency bands.Is it possable
> to programme the r-75 with this step permantly or is it only
> available via software(not available via icom software).

The R-72 was available without software.
Also I am interested in HF airband,such as LDOC.
In those areas,the chs are separeted in every 3kHz.
I prefered the LDOC ch for Varig Aerocraft on 11366kHz USB.But,long
ago,
it was discontinued to use.Probably it went to sattelite.

I want to know 3kHz-step is available or not on R-75.

Manabu Doi,a SWL in Okayama Japan

2219. Re: tuning steps

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-07 04:10:40 UTC
From: just_rtfm
Topic: 2215 Message: 2219

hello!

> I want to know 3kHz-step is available or not on R-75.

no. the built-in tuning steps are as follows:
.1, 1, 5, 6.25, 9, 10, 12.5, 20, 25, 100

phil :)

2220. Re: [icomr75] tuning steps

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-08 14:21:29 UTC
From: Eric F. Richards
Topic: 2215 Message: 2220

At 08:10 PM 8/6/2002 -0400, you wrote:
>From: "gricer37" <gricer37@...>
> > to programme the r-75 with this step permantly or is it only
> > available via software(not available via icom software).
>
>I don't think you can fine-tune the stepsizes on almost any radio, except
>for possibly multiples of ten (i.e., by the readout digits).

Mark,

The IC-R8500 has a variety of tuning steps:
10 Hz, 50, 100, 1 kHz, 2.5, 5, 9, 10, 12.5, 20, 25, 100, 1 MHz plus a
programmable step that can be set to any value (3 significant figures, I
believe) between the lower and upper limits -- defaults to 50 kHz.

Eric

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2221. rx -320

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-08 20:24:02 UTC
From: gricer37
Topic: 2221 Message: 2221

Has anyone used one of these ten-tec radios as i am thinking of
getting one to complement my r-75.

2222. RE: [icomr75] rx -320

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-09 02:13:34 UTC
From: HFSSB
Topic: 2221 Message: 2222

I've got both, the 320 is a lot of receiver for the money (around $200 if you can find one used). Not a whole lot different from the r-75 minus the DSP features and the knobs (well, maybe it is a whole lot different). I've found 2nd party software to be better than TenTec's. Forget the included rod ant. for doing any serious listening.
Marty

-----Original Message-----
From: gricer37
Has anyone used one of these ten-tec radios as i am thinking of getting one to complement my r-75.

2223. Re: [icomr75] rx -320

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-09 04:30:44 UTC
From: Ernie Stedman
Topic: 2221 Message: 2223

Yes, I have one of each.
The Ten-Tec RX-320 is a great radio.. too bad it doesn't have knobs!
Go for it!

Ernie Stedman
130 Buckthorn Court
Roswell GA 30076

Sign up for PAYPAL by following this link:
https://www.paypal.com/refer/pal=n2ojq%40bellsouth.net

----- Original Message -----
From: gricer37
To: icomr75@yahoogroups.com
Sent: Thursday, August 08, 2002 4:24 PM
Subject: [icomr75] rx -320

Has anyone used one of these ten-tec radios as i am thinking of
getting one to complement my r-75.

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2224. Long Wire vs. Dipole

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-10 01:59:15 UTC
From: Moxie3
Topic: 2224 Message: 2224

Have any of you tried using both, the long wire & dipole antenna? I ask because I've been using a long wire antenna (about 110 feet) and finally installed a dipole. I expected much greater reception from the dipole, a B&W brand, as compared to a long wire. However, I found my long wire to have a higher signal on the R75 meter on all frequencies. Wondering if anyone else has experienced the same.

George

[Non-text portions of this message have been removed]

2225. longwires n dipoles

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-10 08:31:34 UTC
From: Jem Cullen
Topic: 2225 Message: 2225

I got a long wire and a dipole both approx the same total legnth height and direction.

There's no doubt about it on most freqs the long wire shows stonger sig stregnth with same signal then the dipole. On some freqs the dipole is just plain deaf, and on its resonant freqs the dipole really shines, so its more "peaky".
That said, the dipole is always much quieter in b/g noise so even tho its showing less S-units the signal is clearer, and much more understandable, so for mine the dipole is the better antenna.

another trick I use on some freqs is just connect one wire of the antenna lead from the dipole to the back of the rig or atu, and leave the other floating in mid air. just the connect the ant wire and leave the ground off

99% of the time i use the dipole. I think its a great ant.

73 de Jem
VK2JEM

Date: Fri, 9 Aug 2002 20:59:15 -0500
From: "Moxie3" <moxie3@...>
Subject: Long Wire vs. Dipole

Have any of you tried using both, the long wire & dipole antenna? I ask because I've been using a long wire antenna (about 110 feet) and finally installed a dipole. I expected much greater reception from the dipole, a B&W brand, as compared to a long wire. However, I found my long wire to have a higher signal on the R75 meter on all frequencies. Wondering if anyone else has experienced the same.

George

_____
Chat with friends online, try MSN Messenger: http://messenger.msn.com

2226. Re: [icomr75] longwires n dipoles

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-10 14:22:51 UTC
From: Moxie3
Topic: 2225 Message: 2226

Jem,

What do you mean by 'resonant' frequencies? I had assumed that if the signal meter indicated a lower signal reading when using the dipole and a much higher signal reading with the long wire, both on the same frequency, the long wire is a better antenna because of the higher signal strength. However, you are saying that the signal strength could be less with the dipole yet the stations being received are clearer and more understandable because of less background noise. I didn't realize that background noise increases the signal meter. Maybe this is why I sometimes receive a high signal meter reading but I don't hear any station; does this sound right to you?

George
----- Original Message -----
From: Jem Cullen
To: icomr75@yahoogroups.com
Sent: Saturday, August 10, 2002 3:31 AM
Subject: [icomr75] longwires n dipoles

I got a long wire and a dipole both approx the same total legnth height and direction.

There's no doubt about it on most freqs the long wire shows stonger sig stregnth with same signal then the dipole. On some freqs the dipole is just plain deaf, and on its resonant freqs the dipole really shines, so its more "peaky".
That said, the dipole is always much quieter in b/g noise so even tho its showing less S-units the signal is clearer, and much more understandable, so for mine the dipole is the better antenna.

another trick I use on some freqs is just connect one wire of the antenna lead from the dipole to the back of the rig or atu, and leave the other floating in mid air. just the connect the ant wire and leave the ground off

99% of the time i use the dipole. I think its a great ant.

73 de Jem
VK2JEM

Date: Fri, 9 Aug 2002 20:59:15 -0500
From: "Moxie3" <moxie3@...>
Subject: Long Wire vs. Dipole

Have any of you tried using both, the long wire & dipole antenna? I ask because I've been using a long wire antenna (about 110 feet) and finally installed a dipole. I expected much greater reception from the dipole, a B&W brand, as compared to a long wire. However, I found my long wire to

have a higher signal on the R75 meter on all frequencies. Wondering if anyone else has experienced the same.

George

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2227. Kiwa mod VS Rado's mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-11 16:08:25 UTC
From: jim_hack
Topic: 2227 Message: 2227

Is there a difference? I have performed Rado's mods to my 75 and am pleased with the improvements, especially the AGC mod. Just wondering how the Kiwa synch mod works compared to Rado's mod.

2228. Re: longwires n dipoles

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-12 19:46:21 UTC
From: njlar
Topic: 2225 Message: 2228

That's right. The signal strength meter cannot tell the difference between signal and noise and just measures rf energy present at that frequency and bandwidth.

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Jem,
>
> What do you mean by 'resonant' frequencies? I had assumed that if the signal meter indicated a lower signal reading when using the dipole and a much higher signal reading with the long wire, both on the same frequency, the long wire is a better antenna because of the higher signal strength. However, you are saying that the signal strength could be less with the dipole yet the stations being received are clearer and more understandable because of less background noise. I didn't realize that background noise increases the signal meter. Maybe this is why I sometimes receive a high signal meter reading but I don't hear any station; does this sound right to you?

2229. Dipoles

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-13 03:35:29 UTC
From: manabu662001
Topic: 2229 Message: 2229

Dear members,

Scarcely I employ dipoles in a mobile operation.
This is superior in S/N, but its range is rather narrow.
The place where dipoles available is very restricted here Japan.
So, I must care to the pedstrians, even in river side.
The rails on automobile's roof is useful for carring up the dipoles.

Manabu Doi,s SWL in Japan

2230. Icom IC-R75 Modifications.

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-16 01:40:29 UTC
From: Rodger N. Bird II
Topic: 2230 Message: 2230

I am thinking about modifying my Icom IC-R75. After looking over the Kiwa modifications on http://www.kiwa.com/R75.html, I really do not have an extra $185.00 for all of the modifications. I do not care about the Synchronous Detector. I never use it.

The 450 kHz filter update sounds interesting and should be easy to perform.

"450 kHz Filter Upgrade
The 450 kHz filters come stock with two bandwidths; 15 kHz and 6 kHz. The 15 kHz filter is used for both Synchronous AM and FM reception. We remove both the 15 kHz and 6 kHz filters. The 6 kHz filter is installed in the 15 kHz slot. (Please note:this mod will affect FM performance) A 3.8 kHz filter is installed in the 6 kHz slot. The improved selectivity will enhance synchronous AM reception under difficult signal conditions.
(This is the same filter we supply for the ATS909 and CC Radio.)"

Has anyone performed this modification themselves?

I am very interested in the "Audio Upgrade" modification:

"Audio Upgrade
Key components to the audio power amplifier are replaced to enhance clarity and definition.
Audio Upgrade $35.00"

Does anyone know what Kiwa does for $35.00? Are there instructions available for this modification?

The only modifications I have found are for the Synchronous Detector. Any help or information is greatly appreciated.

Thank you,

Rodger

2231. Hello?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-16 01:43:01 UTC
From: brother_lloyd_99
Topic: 2231 Message: 2231

Is anyone awake in here? I have been enjoying my R-75. I have put a longwire outside and feed it to the radio with coax.

I am going to the Huntsville Hamfest Saturday, and am looking to buy a cheap antenna tuner for the R-75.

I have another question, I am thinking about upgrading my ham license soon, and want to know if anyone has used a QRP transnmitter kit with the R-75 as the reciever?

Thanks.
Lloyd, N0VFP

2232. Re: Hello?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-16 04:30:19 UTC
From: jim_hack
Topic: 2231 Message: 2232

I think they all abandoned ship, dumping their R75's for the "Holy Grail" of receivers----R8B.
Just kidding ;) Hopefully they're all enjoying their radios and too busy to post here. Is the Icom all you hoped it would be? I really enjoy mine..

--- In icomr75@y..., "brother_lloyd_99" <lloyd_vfp@m...> wrote:
> Is anyone awake in here? I have been enjoying my R-75. I have put
> a longwire outside and feed it to the radio with coax.
>
> I am going to the Huntsville Hamfest Saturday, and am looking to buy
> a cheap antenna tuner for the R-75.
>
> I have another question, I am thinking about upgrading my ham
> license soon, and want to know if anyone has used a QRP transnmitter
> kit with the R-75 as the reciever?
>
> Thanks.
> Lloyd, N0VFP

2233. serial connector temperature !

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-16 09:06:51 UTC
From: Antoine.bureau
Topic: 2233 Message: 2233

hello

i notice that serial connector became "hot" after 15 minutes power on.do you have the same "problem" is it dangerous ???

you can constat by putting your finger "or lips !!!! "on serial connector.

thanks

Antoine

2234. Antenna for R75 on ground floor

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-16 10:10:55 UTC
From: Jamesz
Topic: 2234 Message: 2234

I live in an apartment house, on the ground floor. I can't put anything up in the air. I tried a Sony amplified antenna mounted on a post (height at top about ten feet) and it wasn't worth anything.

Any ideas on what would work well? I live in the Livermore Valley, mountains about 2,00 feet on most sides. My apt faces south. One floor above me.

I got such poor reception I put the radio away.

Thanks
James

2235. Re: [icomr75] Hello?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-16 11:47:17 UTC
From: Moxie3
Topic: 2231 Message: 2235

Lloyd, how long is your longwire antenna and which direction is it facing? How does that tuner work with the long wire and R75?
George
----- Original Message -----
From: brother_lloyd_99
To: icomr75@yahoogroups.com
Sent: Thursday, August 15, 2002 8:43 PM
Subject: [icomr75] Hello?

Is anyone awake in here? I have been enjoying my R-75. I have put a longwire outside and feed it to the radio with coax.

I am going to the Huntsville Hamfest Saturday, and am looking to buy a cheap antenna tuner for the R-75.

I have another question, I am thinking about upgrading my ham license soon, and want to know if anyone has used a QRP transnmitter kit with the R-75 as the reciever?

Thanks.
Lloyd, N0VFP

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[Non-text portions of this message have been removed]

2236. Re: [icomr75] Antenna for R75 on ground floor

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-16 11:52:47 UTC
From: Moxie3
Topic: 2234 Message: 2236

If a simple wire around the apartment doesn't work, I guess you need to go with an amplified antenna. Which model Sony antenna did you get? There is a manufacturer which makes a pretty good amplified antenna, so I'm told. It's called the Skymatch amplified antenna and it may work for you. I believe Grove still sells them and I think you can return it if it doesn't work..

Original Message -----
From: Jamesz
To: icomr75@yahoogroups.com
Sent: Friday, August 16, 2002 5:10 AM
Subject: [icomr75] Antenna for R75 on ground floor

I live in an apartment house, on the ground floor. I can't put anything up in the air. I tried a Sony amplified antenna mounted on a post (height at top about ten feet) and it wasn't worth anything.

Any ideas on what would work well? I live in the Livermore Valley, mountains about 2,00 feet on most sides. My apt faces south. One floor above me.

I got such poor reception I put the radio away.

Thanks
James

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2237. Re: [icomr75] Antenna for R75 on ground floor

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-16 11:17:29 UTC
From: Mark Turner
Topic: 2234 Message: 2237

On Fri, 16 Aug 2002, Jamesz wrote:
>
> I live in an apartment house, on the ground floor. I can't put anything up
> in the air. I tried a Sony amplified antenna mounted on a post (height at
> top about ten feet) and it wasn't worth anything.
>
> Any ideas on what would work well? I live in the Livermore Valley, mountains
> about 2,00 feet on most sides. My apt faces south. One floor above me.

Do you have any garden, or at least somewhere outdoors that is 15+ feet
away from PCs and other noisy electrical kit? If so you could consider
the Wellbrook ALA1530 active loop. I have one tied to a wooden fence at
about 2 feet above ground level about 15 feet from my PCs and it works
so well that I took all my various wire aerials down after comparing
them with the ALA1530. Not cheap but works well.

http://www.wellbrook.uk.com

Cheers,

Mark.

2238. Re: [icomr75] Antenna for R75 on ground floor

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-16 14:08:40 UTC
From: JosD@aol.com
Topic: 2234 Message: 2238

I live on the bottom floor of a ten story apartment (steel reinforced concrete) in NW DC. There are hills about 150' high to the north and west. On top of the western hill is the antenna farm for most radio and TV. Meanwhile... I am also surronded by embassies and other such facilities with radio transmission facilities.

I have a Stoner Dymek 100 which has, conditions permitting, allowed me to receive South Africa, India, Viet Nam, and Japan, not to mention nearer broadcasters. I routinely listen to AFRS from Puerto Rico on SSB. It is mounted indoors next to a window.

To install simply plumb it together and get a connector (Radio Shack) to screw it into the back of the radio.

Joe Dehais

[Non-text portions of this message have been removed]

2239. Re: [icomr75] Antenna for R75 on ground floor

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-16 14:51:32 UTC
From: REMcgee2030@cs.com
Topic: 2234 Message: 2239

Try about 75 feet of #12 coated wire run around your apartment. It will work even better if you can run it outside somewhere. It works for me.

Bob

[Non-text portions of this message have been removed]

2240. Re: [icomr75] Icom IC-R75 Modifications.

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-16 15:53:09 UTC
From: Bruce Jensen
Topic: 2230 Message: 2240

Rodger - although you say you do not care about the sync det, the AGC mod that fixes it is the best mod of all - it takes the flutter out of the AGC by making the slow time constant kick in the way it is supposed to, and makes the whole thing sounds much sweeter.

The filter mod is also excellent. It simply makes a world of difference. I don't know why Icom didn't do this to begin with.

I am not sure how important the audio upgrade is - the receiver sounded pretty good with a $20 Radio Shack speaker, and doesn't seem to be much better after the mod.

Bruce Jensen
****
--- "Rodger N. Bird II" <rbird2@...> wrote:
> I am thinking about modifying my Icom IC-R75. After looking over the
> Kiwa
> modifications on http://www.kiwa.com/R75.html, I really do not have an
> extra $185.00 for all of the modifications. I do not care about the
> Synchronous Detector. I never use it.
>
> The 450 kHz filter update sounds interesting and should be easy to
> perform.
>
> "450 kHz Filter Upgrade
> The 450 kHz filters come stock with two bandwidths; 15 kHz and
> 6
> kHz. The 15 kHz filter is used for both Synchronous AM and FM
> reception.
> We remove both the 15 kHz and 6 kHz filters. The 6 kHz filter is
> installed
> in the 15 kHz slot. (Please note:this mod will affect FM performance) A
>
> 3.8 kHz filter is installed in the 6 kHz slot. The improved
> selectivity will enhance synchronous AM reception under difficult
> signal
> conditions.
> (This is the same filter we supply for the ATS909 and CC
> Radio.)"
>
> Has anyone performed this modification themselves?
>
>
> I am very interested in the "Audio Upgrade" modification:
>
> "Audio Upgrade

> Key components to the audio power amplifier are replaced to
> enhance clarity and definition.
> Audio Upgrade $35.00"
>
> Does anyone know what Kiwa does for $35.00? Are there instructions
> available for this modification?
>
> The only modifications I have found are for the Synchronous Detector.
> Any
> help or information is greatly appreciated.
>
>
> Thank you,
>
> Rodger
>
>
>
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>
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>

=====
Cheers,
Bruce Jensen
~~~~~~~~~~~~
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

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2241. Re: [icomr75] Re: Hello?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-16 15:56:04 UTC
From: Bruce Jensen
Topic: 2231 Message: 2241

My Icom has been just a real treat after the Kiwa mods. In a poor receiving location (much QRM) and with modest antennae, I get the world, from the Big Boys to the petite Latin American ladies and everywhere else too. It's a fine radio. At first, I felt I was taking a gamble, and the stock R75 did not live up to my hopes - but the Kiwa mods fixed all that.

I see no need for an R8b.

Bruce Jensen
****
--- jim_hack <jim_hack@...> wrote:
> I think they all abandoned ship, dumping their R75's for the "Holy
> Grail" of receivers----R8B.
> Just kidding ;) Hopefully they're all enjoying their radios and too
> busy to post here. Is the Icom all you hoped it would be? I really
> enjoy mine..
>
>
> --- In icomr75@y..., "brother_lloyd_99" <lloyd_vfp@m...> wrote:
> > Is anyone awake in here? I have been enjoying my R-75. I have
> put
> > a longwire outside and feed it to the radio with coax.
> >
> > I am going to the Huntsville Hamfest Saturday, and am looking to
> buy
> > a cheap antenna tuner for the R-75.
> >
> > I have another question, I am thinking about upgrading my ham
> > license soon, and want to know if anyone has used a QRP
> transnmitter
> > kit with the R-75 as the reciever?
> >
> > Thanks.
> > Lloyd, N0VFP
>
>
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>

=====
Cheers,
Bruce Jensen
~~~~~~~~~~~~
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

_____
Do You Yahoo!?
HotJobs - Search Thousands of New Jobs
http://www.hotjobs.com
~~~~~~~~~~~~

2242. Re: [icomr75] Antenna for R75 on ground floor

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-16 16:00:05 UTC
From: Bruce Jensen
Topic: 2234 Message: 2242

James - I live 25 miles west of you. I doubt if the low mountains are giving you grief - more probably, the steel structure of the apartment. Also, this is not the DX time of the year - wait two months. My reception is not great this time of year either.

Meanwhile, tell us more about your situation. Do you have a fence? Could you toss a very thin wire up the side of the building? Could you attach a wire to any large metal object on the outside of the building? Think of anything else you can...

Bruce Jensen
****

--- Jamesz <r7y528@...> wrote:
> I live in an apartment house, on the ground floor. I can't put anything
> up
> in the air. I tried a Sony amplified antenna mounted on a post (height
> at
> top about ten feet) and it wasn't worth anything.
>
> Any ideas on what would work well? I live in the Livermore Valley,
> mountains
> about 2,00 feet on most sides. My apt faces south. One floor above me.
>
> I got such poor reception I put the radio away.
>
> Thanks
> James
>
>
>
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2243. Re: [icomr75] Antenna for R75 on ground floor

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-16 16:00:14 UTC
From: Bruce Jensen
Topic: 2234 Message: 2243

James - I live 25 miles west of you. I doubt if the low mountains are giving you grief - more probably, the steel structure of the apartment. Also, this is not the DX time of the year - wait two months. My reception is not great this time of year either.

Meanwhile, tell us more about your situation. Do you have a fence? Could you toss a very thin wire up the side of the building? Could you attach a wire to any large metal object on the outside of the building? Think of anything else you can...

Bruce Jensen
****

--- Jamesz <r7y528@...> wrote:
> I live in an apartment house, on the ground floor. I can't put anything
> up
> in the air. I tried a Sony amplified antenna mounted on a post (height
> at
> top about ten feet) and it wasn't worth anything.
>
> Any ideas on what would work well? I live in the Livermore Valley,
> mountains
> about 2,00 feet on most sides. My apt faces south. One floor above me.
>
> I got such poor reception I put the radio away.
>
> Thanks
> James
>
>
>
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2244. * AUDIO MOD FOR BETTER SOUND *

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-16 18:37:02 UTC
From: theshopt
Topic: 2244 Message: 2244

Where can a person get this Audio Mod for the R75 that being talked about all over? I guess KIWA is supposed to be doing something like this too. Anyone else have the parts list and where to put them in at? Can't be too big a deal to do.

Anybody- UPLOAD the diagram man.

WB0OAF RADIO

2245. Re: [icomr75] * AUDIO MOD FOR BETTER SOUND *

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-16 19:00:07 UTC
From: Bruce Jensen
Topic: 2244 Message: 2245

As I mentioned earlier, I'm not sure the audio mod is that critical. I think the AGC mod is most important, and the filter mods are nice to have.

Having said that, Rado designed the AGC-synch mod, and his basic fixes are simple for someone familiar with a soldering iron, and very inexpensive.

All of the mods may be found on link sat this page:

http://groups.yahoo.com/group/icomr75/files/

Bruce Jensen
****

--- theshopt <theshopt@...> wrote:
> Where can a person get this Audio Mod for the R75 that being talked
> about all over? I guess KIWA is supposed to be doing something like
> this too. Anyone else have the parts list and where to put them in
> at? Can't be too big a deal to do.
>
> Anybody- UPLOAD the diagram man.
>
> WB0OAF RADIO
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_____
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http://www.hotjobs.com

2246. Re: Antenna for R75 on ground floor

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-16 23:01:35 UTC
From: radiohighfreq
Topic: 2234 Message: 2246

James,
.
Recommend you take the time to read a few of the various 'antenna'
sections on the Hard-Core-DX.Com WebSite.
Here are two "In Doors" antennas for you to consider:
.
* Carpet Loop Antenna: A High Performance Indoor MW/SW Antenna
By David Moisan: The Carpet Loop is an Inexpensive, Easily Built, High
Performance Antenna that can work in almost all
homes & apartments.
http://www.hard-core-dx.com/nordicdx/antenna/hidden/carploop.html
http://www1.shore.net/~dmoisan/faqs/carpetloop.html
The name given to the antenna was "Carpet Loop" (full room size and
hidden), but my 'carpet loop' is mounted around the parameter of the
ceiling and it works very good for Shortwave. I simply used white
telephone cable; but others have been fancy and used wood molding to
cover the loop up from view. At one time, I read a posting on a
'carpet loop' mount around a wall that was used as a E-W or N-S
directional loop (still trying to re-locate that posting) .
.
* The "Broomstick" Antenna: A Compact, Easy-to-Build Shortwave
Antenna by Arnie Coro: This is a "helically wound" compressed long
wire (200-300Ft) antenna. It may be used with or without an
Antenna Tuner.
http://www.hard-core-dx.com/nordicdx/antenna/special/bromstik.html
+ also + "Tune-A-Stick" Antenna + A wire-wound 'broomstick' antenna
by Douglas Boze (More BroomStick Construction Details)
http://www.hard-core-dx.com/nordicdx/antenna/special/tunestik.html
.
For Additional Special & Hidden Antenna Information on HCDX:
.
* Here is the Index WebPage for "Special" Antennas at Hard-Core-DX.
http://www.hard-core-dx.com/nordicdx/antenna/special/index.html
.
* Here is the Index WebPage for "Hidden" Antennas at Hard-Core-DX.
http://www.hard-core-dx.com/nordicdx/antenna/hidden/index.html
.
~ RHF
.
- - - In icomr75@y..., Jamesz <r7y528@a...> wrote:
> I live in an apartment house, on the ground floor. I can't put
anything up
> in the air. I tried a Sony amplified antenna mounted on a post
(height at
> top about ten feet) and it wasn't worth anything.

>
> Any ideas on what would work well? I live in the Livermore Valley,
mountains
> about 2,00 feet on most sides. My apt faces south. One floor above
me.
>
> I got such poor reception I put the radio away.
>
> Thanks
> James

2247. Re: * AUDIO MOD FOR BETTER SOUND *

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-16 23:26:56 UTC
From: atagrasin
Topic: 2244 Message: 2247

--- In icomr75@y..., Bruce Jensen <bpnjensen@y...> wrote:
> As I mentioned earlier, I'm not sure the audio mod is that
critical. I
> think the AGC mod is most important, and the filter mods are nice
to have.
>
> Having said that, Rado designed the AGC-synch mod, and his basic
fixes are
> simple for someone familiar with a soldering iron, and very
inexpensive.
Yes Bruce:You only need the AGC mod,I did both,the AGC mod first.The Agc in a stock R-75 have a very fast time constant and you can have problems with some stations in AM mode.The easy fix is to install a 220 uf cap pin 4 {IC MC1022},+ to the pin 4,- to ground.After this mod I found the audio OK,then out of curiosity I did the audio mod but I don't find a big difference.After the AGC mod you only need an external speaker for improving the audio in AM.

2248. Re: * AUDIO MOD FOR BETTER SOUND *

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-17 01:00:15 UTC
From: theshopt
Topic: 2244 Message: 2248

I can't locate the AUDIO MOD in the Files area, do you know whatthe
File name is?

Thank you...

--- In icomr75@y..., "atagrasin" <k1c2@h...> wrote:
> --- In icomr75@y..., Bruce Jensen <bpnjensen@y...> wrote:
> > As I mentioned earlier, I'm not sure the audio mod is that
> critical. I
> > think the AGC mod is most important, and the filter mods are nice
> to have.
> >
> > Having said that, Rado designed the AGC-synch mod, and his basic
> fixes are
> > simple for someone familiar with a soldering iron, and very
> inexpensive.
> Yes Bruce:You only need the AGC mod,I did both,the AGC mod
first.The
> Agc in a stock R-75 have a very fast time constant and you can have
> problems with some stations in AM mode.The easy fix is to install a
> 220 uf cap pin 4 {IC MC1022},+ to the pin 4,- to ground.After this
> mod I found the audio OK,then out of curiosity I did the audio mod
> but I don't find a big difference.After the AGC mod you only need
an
> external speaker for improving the audio in AM.

2249. Re: * AUDIO MOD FOR BETTER SOUND *

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-17 02:56:47 UTC
From: atagrasin
Topic: 2244 Message: 2249

--- In icomr75@y..., "theshopt" <theshopt@y...> wrote:
> I can't locate the AUDIO MOD in the Files area, do you know whatthe
> File name is?
>
> Thank you...
HI theshopt:The audio mod is from kiwa co.Check in his site for more information.

2251. Re: * AUDIO MOD FOR BETTER SOUND *

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-17 14:25:35 UTC
From: lucretius3
Topic: 2244 Message: 2251

--- In icomr75@y..., "atagrasin" <k1c2@h...> wrote:
> --- In icomr75@y..., "theshopt" <theshopt@y...> wrote:
> > I can't locate the AUDIO MOD in the Files area, do you know
whatthe
> > File name is?
> >
> > Thank you...
> HI theshopt:The audio mod is from kiwa co.Check in his site for more
> information.

Did you do this mod yourself? If so, then how do you know which parts
Kiwa used?

--
M2

2252. Re: * AUDIO MOD FOR BETTER SOUND *

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-17 16:11:02 UTC
From: dawntredereding
Topic: 2244 Message: 2252

I've looked at their website and found discussion about improving an audio stage and a kit for the R71. I certainly can't compare the audio quality of the R75 to the R71a. The latter was absolutely dismal in AM. I own a stock r71a that I bought in the 80's that would drive you up a wall to listen to AM, even with a quality external speaker. During a ship's re-fitting of their radio room console, we pulled their reserve receiver which was a R-71a in a rack mount that was apparently modified/upgraded by EEB with audio circuit enhancements and a board containing mechanical filters. We also had a stock R-71 in the shop that we used for "sniffing" around a chassis. An A/B test between the both of them on our shop's broadband,terminated loop revealed an amazing difference in not only the AM, but SSB audio. Gone was the wooly AM and the SSB was very full and punchy. We popped the cover to take a peek and the very first thing that we noticed was globs of what looked like liquid paper potting the replaced/upgraded components. While we certainly couldn't remove the stuff or try to reverse engineer what they had done, it was immediately apparent after looking over the service manual that for the most part, the audio stages had a lot of coupling and decoupling caps replaced. There was also an apparent change to many of the components distributed throughout the agc line. Our best guess was that someone had figured out the transit delays through the stages and carefully compensated the time constants that controlled the gain of each controlled stage (could the propagation delays through a mechanical filter be that different or was this another Icom flaw?). Naturally, the first thing that we looked over was the AM detector stage. If one was to accept the argument that some of the shortwave and amateur publications were claiming that the bad AM was because of Icom's classic AM detector design with too small of a load impedance that caused a clipping of the am signals causing the famous distortion, then this modification must have not considered that important. The detector stage was untouched. There was however obvious replacements of switching diodes in the signal path and around the upper filters....presumably with schottkey barrier diodes. The end result was a very pleasing receiver to listen to that sounded much more like what you would have expected to hear from a ship's main class communication receiver. After reading the page on Kiwa's website, I sort of wonder if Kiwa was responsible for the mod's done on EEB's Icoms. The R-75 is no where near the obnoxious audio of the R-71 and actually pretty good on AM by comparison. I would be very curious about what the audio enhancements of the Kiwa mod offer over a stock R-75. Personally, I'm less interested in the sync detector modification as I feel the AGC could use some improvement.

dwt

2253. Introduction

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-17 22:09:54 UTC
From: wmbrady0
Topic: 2253 Message: 2253

Hello,
I am an old timer, having built my first SWR from a Heathkit back in the '60s.

Currently I have a ICF 2010, a Grundig M800 and YB 400, and a Shack DX-390. I used to do a lot of camping but now I am retired and tired. <sigh>.

I am very close to making a decision on another radio, either an IC-75 or a Ten Tec 350. (with a SW77 a distant 3rd.)

My only hesitation on the iCOM is the sync detector. I am spoiled by the 2010 and it works as well on the M800. But I see that KIWA has a mod to make it work. I wonder if the old eyeballs and shakey hands would work well enough to install it.

Anway, just wanted to say "hi", and let you know that I am madly reading all of the groups files and messages.

BTW, who has the best deal on a '75?

2254. Re: Introduction

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-17 22:38:38 UTC
From: atagrasin
Topic: 2253 Message: 2254

> BTW, who has the best deal on a '75?
Hi Sir:Check with Radio World in Nevada and ask for Dave Floyd
http://www.radio-nv.com/

2255. RE: [icomr75] Re: Introduction

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-17 22:50:55 UTC
From: Gordon Hagewood
Topic: 2253 Message: 2255

If I were considering another R-75, I would wait and periodically check Universal Radio (http://www.universal-radio.com/) or Lee Select (http://www.leeselect.com <http://www.leeselect.com/>) For a price of $560 or less WITH a bonus of the free DSP unit. You'll want the DSP in any event so hold out for a "free" one. I would then take the money you "saved" on the DSP and apply it to the KIWA mods - and let them do it with a warranty. While you're waiting for a price drop you can put a little away for the KIWA mods and it won't hurt as much!

-----Original Message-----
From: atagrasin [mailto:k1c2@...]
Sent: Saturday, August 17, 2002 6:39 PM
To: icomr75@yahoogroups.com
Subject: [icomr75] Re: Introduction

> BTW, who has the best deal on a '75?
Hi Sir:Check with Radio World in Nevada and ask for Dave Floyd
http://www.radio-nv.com/

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[Non-text portions of this message have been removed]

2256. Help: Strange Antenna Happenings

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-17 22:38:06 UTC
From: Moxie3
Topic: 2256 Message: 2256

Help!

I have a long wire antenna hooked to ANT 1 and a dipole to ANT 2. Since installing the last antenna, the dipole, I have always kept both connected when using the radio, and the reception for both antennas are about the same.

However, today, I noticed something strange. I discovered that if I disconnect the PL 259 from ANT 2, there was no noticeable difference in reception with ANT 2. Then, when I disconnect wires from ANT 1, with ANT 2 wires still disconnected, reception to ANT 2 is diminished but not totally gone AND there is NO reception with ANT 1. To rehash, there is no noticeable difference with ANT 2 reception with or without the ANT 2 antenna connected, but there is a great decrease in reception if ANT 1 antenna is disconnected. When ANT 1 antenna is disconnected, there is no reception to ANT 1 but there is reception to ANT 2. Lastly, with antenna ANT 1 disconnected, the reception to ANT 2 is the same with our without the ANT 2 antenna being connected. Does this make any sense to anyone?

George

[Non-text portions of this message have been removed]

2257. Re: [icomr75] Re: Introduction

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-18 01:45:15 UTC
From: Moxie3
Topic: 2253 Message: 2257

Call Giggaparts and ask for their "special price". Though they advertised it for $599 when I got mine I bought it for $549.
----- Original Message -----
From: Gordon Hagewood
To: icomr75@yahoogroups.com
Sent: Saturday, August 17, 2002 5:50 PM
Subject: RE: [icomr75] Re: Introduction

If I were considering another R-75, I would wait and periodically check Universal Radio (http://www.universal-radio.com/) or Lee Select (http://www.leeselect.com <http://www.leeselect.com/>) For a price of $560 or less WITH a bonus of the free DSP unit. You'll want the DSP in any event so hold out for a "free" one. I would then take the money you "saved" on the DSP and apply it to the KIWA mods - and let them do it with a warranty. While you're waiting for a price drop you can put a little away for the KIWA mods and it won't hurt as much!

-----Original Message-----
From: atagrasin [mailto:k1c2@...]
Sent: Saturday, August 17, 2002 6:39 PM
To: icomr75@yahoogroups.com
Subject: [icomr75] Re: Introduction

> BTW, who has the best deal on a '75?
Hi Sir:Check with Radio World in Nevada and ask for Dave Floyd
http://www.radio-nv.com/

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[Non-text portions of this message have been removed]

2258. Re: [icomr75] Help: Strange Antenna Happenings

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-18 00:52:09 UTC
From: Rik van Riel
Topic: 2256 Message: 2258

On Sat, 17 Aug 2002, Moxie3 wrote:

> However, today, I noticed something strange. I discovered that if I
> disconnect the PL 259 from ANT 2,

> Does this make any sense to anyone?

If you take into account that the PL259 plug is ANT1, does
the story make more sense ?

regards,

Rik
--
Bravely reimplemented by the knights who say "NIH".

http://www.surriel.com/ http://distro.conectiva.com/

2259. Re: Help: Strange Antenna Happenings

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-18 02:13:01 UTC
From: jim_hack
Topic: 2256 Message: 2259

I noticed that in mine also. The 2 antenna recepacles must have some commonality to them, if not just thru the grounds.

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Help!
>
> I have a long wire antenna hooked to ANT 1 and a dipole to ANT 2. Since installing the last antenna, the dipole, I have always kept both connected when using the radio, and the reception for both antennas are about the same.
>
> However, today, I noticed something strange. I discovered that if I disconnect the PL 259 from ANT 2, there was no noticeable difference in reception with ANT 2. Then, when I disconnect wires from ANT 1, with ANT 2 wires still disconnected, reception to ANT 2 is diminished but not totally gone AND there is NO reception with ANT 1. To rehash, there is no noticeable difference with ANT 2 reception with or without the ANT 2 antenna connected, but there is a great decrease in reception if ANT 1 antenna is disconnected. When ANT 1 antenna is disconnected, there is no reception to ANT 1 but there is reception to ANT 2. Lastly, with antenna ANT 1 disconnected, the reception to ANT 2 is the same with our without the ANT 2 antenna being connected. Does this make any sense to anyone?
>
> George
>
>
> [Non-text portions of this message have been removed]

2260. Re: [icomr75] Help: Strange Antenna Happenings

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-18 11:58:10 UTC
From: Moxie3
Topic: 2256 Message: 2260

Rik,
Not so because when the long wire antenna is connected to the ANT 1 connectors, the radio receives best with ANT 1 selected, not ANT 2.

I've been saying I have a long wire antenna but, according to Joe Carr's Receiving Antenna Handbook, it's called a random wire antenna - whatever.
George

Message -----
From: Rik van Riel
To: icomr75@yahoogroups.com
Sent: Saturday, August 17, 2002 7:52 PM
Subject: Re: [icomr75] Help: Strange Antenna Happenings

On Sat, 17 Aug 2002, Moxie3 wrote:

> However, today, I noticed something strange. I discovered that if I
> disconnect the PL 259 from ANT 2,

> Does this make any sense to anyone?

If you take into account that the PL259 plug is ANT1, does
the story make more sense ?

regards,

Rik
--
Bravely reimplemented by the knights who say "NIH".

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[Non-text portions of this message have been removed]

2261. Re: [icomr75] Re: Help: Strange Antenna Happenings

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-18 12:03:17 UTC
From: Moxie3
Topic: 2256 Message: 2261

Jim,
This is totally confusing but your explanation of 'commonality' sounds reasonable. From your experience, do you believe that either antenna works best separately if both are connected at the same time? In other words, is it best to always connect both antennas even though you intend to receive from only 1 antenna?
George
----- Original Message -----
From: jim_hack
To: icomr75@yahoogroups.com
Sent: Saturday, August 17, 2002 9:13 PM
Subject: [icomr75] Re: Help: Strange Antenna Happenings

I noticed that in mine also. The 2 antenna recepacles must have some commonality to them, if not just thru the grounds.

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Help!
>
> I have a long wire antenna hooked to ANT 1 and a dipole to ANT 2. Since installing the last antenna, the dipole, I have always kept both connected when using the radio, and the reception for both antennas are about the same.
>
> However, today, I noticed something strange. I discovered that if I disconnect the PL 259 from ANT 2, there was no noticeable difference in reception with ANT 2. Then, when I disconnect wires from ANT 1, with ANT 2 wires still disconnected, reception to ANT 2 is diminished but not totally gone AND there is NO reception with ANT 1. To rehash, there is no noticeable difference with ANT 2 reception with or without the ANT 2 antenna connected, but there is a great decrease in reception if ANT 1 antenna is disconnected. When ANT 1 antenna is disconnected, there is no reception to ANT 1 but there is reception to ANT 2. Lastly, with antenna ANT 1 disconnected, the reception to ANT 2 is the same with our without the ANT 2 antenna being connected. Does this make any sense to anyone?
>
> George
>
>
> [Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

2262. RE: [icomr75] Help: Strange Antenna Happenings

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-18 12:50:14 UTC
From: Bob Barr
Topic: 2256 Message: 2262

Are you using the front panel ANT control to switch between the two connectors (antennas)? If you look at sheet 6 of the schematic in the files section you will see that both connectors are not active at the same time. The antenna you wish to use is selected by the ANT switch. You state "if I disconnect the PL 259 from ANT 2"; isn't ANT 1 for the PL-259?

Regards,
Bob
-----Original Message-----
From: Moxie3 [mailto:moxie3@...]
Sent: Saturday, August 17, 2002 6:38 PM
To: icomr75@yahoogroups.com
Subject: [icomr75] Help: Strange Antenna Happenings

Help!

I have a long wire antenna hooked to ANT 1 and a dipole to ANT 2. Since installing the last antenna, the dipole, I have always kept both connected when using the radio, and the reception for both antennas are about the same.

However, today, I noticed something strange. I discovered that if I disconnect the PL 259 from ANT 2, there was no noticeable difference in reception with ANT 2. Then, when I disconnect wires from ANT 1, with ANT 2 wires still disconnected, reception to ANT 2 is diminished but not totally gone AND there is NO reception with ANT 1. To rehash, there is no noticeable difference with ANT 2 reception with or without the ANT 2 antenna connected, but there is a great decrease in reception if ANT 1 antenna is disconnected. When ANT 1 antenna is disconnected, there is no reception to ANT 1 but there is reception to ANT 2. Lastly, with antenna ANT 1 disconnected, the reception to ANT 2 is the same with our without the ANT 2 antenna being connected. Does this make any sense to anyone?

George

[Non-text portions of this message have been removed]

2263. RE: [icomr75] serial connector temperature !

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-18 13:01:32 UTC
From: Enrique A. Wembagher
Topic: 2233 Message: 2263

Antoine,
Your problem is not normal.
You have "good ground" in your rx / PC ?
Check all !!

73?s
Enrique

> -----Mensaje original-----
> De: Antoine.bureau [mailto:antoine.bureau@...]
> Enviado el: Viernes, 16 de Agosto de 2002 06:07
> Para: icomr75@yahoogroups.com
> Asunto: [icomr75] serial connector temperature !
>
>
> hello
>
>
> i notice that serial connector became "hot" after 15 minutes
> power on.do you
> have the same "problem" is it dangerous ???
>
> you can constat by putting your finger "or lips !!!! "on serial connector.
>
>
> thanks
>
> Antoine
>
>
>
>
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2264. Re: [icomr75] Help: Strange Antenna Happenings

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-18 14:49:26 UTC
From: Moxie3
Topic: 2256 Message: 2264

Bob, I must have had way toooo much beer. You are absolutely right, the PL 259 is for ANT 2 and I did know that, but I forgot. I better check everything again as I'm getting confused.

George

- Original Message -----
From: Bob Barr
To: icomr75@yahoogroups.com
Sent: Sunday, August 18, 2002 7:50 AM
Subject: RE: [icomr75] Help: Strange Antenna Happenings

Are you using the front panel ANT control to switch between the two connectors (antennas)? If you look at sheet 6 of the schematic in the files section you will see that both connectors are not active at the same time. The antenna you wish to use is selected by the ANT switch. You state "if I disconnect the PL 259 from ANT 2"; isn't ANT 1 for the PL-259?

Regards,
Bob
-----Original Message-----
From: Moxie3 [mailto:moxie3@...]
Sent: Saturday, August 17, 2002 6:38 PM
To: icomr75@yahoogroups.com
Subject: [icomr75] Help: Strange Antenna Happenings

Help!

I have a long wire antenna hooked to ANT 1 and a dipole to ANT 2. Since installing the last antenna, the dipole, I have always kept both connected when using the radio, and the reception for both antennas are about the same.

However, today, I noticed something strange. I discovered that if I disconnect the PL 259 from ANT 2, there was no noticeable difference in reception with ANT 2. Then, when I disconnect wires from ANT 1, with ANT 2 wires still disconnected, reception to ANT 2 is diminished but not totally gone AND there is NO reception with ANT 1. To rehash, there is no noticeable difference with ANT 2 reception with or without the ANT 2 antenna connected, but there is a great decrease in reception if ANT 1 antenna is disconnected. When ANT 1 antenna is disconnected, there is no reception to ANT 1 but there is reception to ANT 2. Lastly, with antenna ANT 1 disconnected, the reception to ANT 2 is the same with our without the ANT 2 antenna being connected. Does this make any sense to anyone?

George

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

2265. Re: Introduction Loaded R-75 with DSP in EBAY

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-18 14:06:18 UTC
From: atagrasin
Topic: 2253 Message: 2265

> BTW, who has the best deal on a '75?
There is a loaded R-75 in E-bay right now,with DSP installed...

2266. Re: [icomr75] Re: Introduction Loaded R-75 with DSP in EBAY

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-18 14:08:03 UTC
From: Bill Brady
Topic: 2253 Message: 2266

From: atagrasin <k1c2@...>
To: icomr75@yahoogroups.com
Subject: [icomr75] Re: Introduction Loaded R-75 with DSP in EBAY
Date: Sun, Aug 18, 2002, 10:06 AM

> BTW, who has the best deal on a '75?
There is a loaded R-75 in E-bay right now,with DSP installed...

Shhhhhhhhhh....

[Non-text portions of this message have been removed]

2267. Re: Help: Strange Antenna Happenings

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-18 15:13:08 UTC
From: jim_hack
Topic: 2256 Message: 2267

Well George, I can't answer that as at the time I experienced it I had a dipole connected to the PL259 and a random wire to the other. I wasn't happy with the dipole as it pretty much only resonated at atound 7.200 and there wasn't really anything there I wanted to hear. I have since disconnected the dipole and have run the random wire through coax to the PL259 and have nothing plugged in to the other connector. Even though the 2 connectors "should" be isolated from one another, I can't believe they truly are.

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Jim,
> This is totally confusing but your explanation of 'commonality' sounds reasonable. From your experience, do you believe that either antenna works best separately if both are connected at the same time? In other words, is it best to always connect both antennas even though you intend to receive from only 1 antenna?
> George
> ----- Original Message -----
> From: jim_hack
> To: icomr75@y...
> Sent: Saturday, August 17, 2002 9:13 PM
> Subject: [icomr75] Re: Help: Strange Antenna Happenings
>
>
> I noticed that in mine also. The 2 antenna recepacles must have some
> commonality to them, if not just thru the grounds.
>
>
> --- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> > Help!
> >
> > I have a long wire antenna hooked to ANT 1 and a dipole to ANT 2.
> Since installing the last antenna, the dipole, I have always kept
> both connected when using the radio, and the reception for both
> antennas are about the same.
> >
> > However, today, I noticed something strange. I discovered that if
> I disconnect the PL 259 from ANT 2, there was no noticeable
> difference in reception with ANT 2. Then, when I disconnect wires
> from ANT 1, with ANT 2 wires still disconnected, reception to

ANT 2
> is diminished but not totally gone AND there is NO reception
with
> ANT 1. To rehash, there is no noticeable difference with ANT 2
> reception with or without the ANT 2 antenna connected, but there
is
> a great decrease in reception if ANT 1 antenna is disconnected.
> When ANT 1 antenna is disconnected, there is no reception to ANT
1
> but there is reception to ANT 2. Lastly, with antenna ANT 1
> disconnected, the reception to ANT 2 is the same with our
without
> the ANT 2 antenna being connected. Does this make any sense to
> anyone?
> >
> > George
> >
> >
> > [Non-text portions of this message have been removed]
>
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Service.
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>
>
> [Non-text portions of this message have been removed]

2268. Re: Introduction Loaded R-75 with DSP in EBAY

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-18 15:23:01 UTC
From: atagrasin
Topic: 2253 Message: 2268

```
--- In icomr75@y..., Bill Brady <wmbrady@c...> wrote:
> ----------
> From: atagrasin <k1c2@h...>
> To: icomr75@y...
> Subject: [icomr75] Re: Introduction Loaded R-75 with DSP in EBAY
> Date: Sun, Aug 18, 2002, 10:06 AM
>
>
> > BTW, who has the best deal on a '75?
> There is a loaded R-75 in E-bay right now,with DSP installed...
>
> Shhhhhhhhhh....
>
>
HI Bill: Sooooooooooooooooooooooory.....................
```

2269. Re: [icomr75] Re: * AUDIO MOD FOR BETTER SOUND *

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-18 15:43:06 UTC
From: Bruce Jensen
Topic: 2244 Message: 2269

--- dawntredereding <seapeace@...> wrote:

>I would be very curious about what the audio enhancements of the Kiwa mod offer over a stock R-75. Personally, I'm less interested in the sync detector modification as I feel the AGC could use some improvement. <

My impression is that of the mods Kiwa offers, the audio mod is the least important. The change is modest at best, and to my ear even minor. The AGC mod and the synch mod, however, are practically the same thing, and highly desirable. The AGC and the synch are both "fixed" by the one mod. The filter exchange is also quite nice and very useful.

Bruce Jensen

_____
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http://www.hotjobs.com

2270. Re: [icomr75] Re: Introduction Loaded R-75 with DSP in EBAY

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-18 19:30:04 UTC
From: Bill Brady
Topic: 2253 Message: 2270

```
----------
From: atagrasin <k1c2@...>
To: icomr75@yahoogroups.com
Subject: [icomr75] Re: Introduction Loaded R-75 with DSP in EBAY
Date: Sun, Aug 18, 2002, 11:23 AM
>
> Shhhhhhhhhh....
>
>
HI Bill: Soooooooooooooooooooooory.....................

BTW thanks, also to "atagrasin" and Gordon!

Perhaps I'll soon be a "real" list member.

[Non-text portions of this message have been removed]
```

2271. Re: Help: Strange Antenna Happenings

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-18 19:53:57 UTC
From: radiohighfreq
Topic: 2256 Message: 2271

George to add to Bob's comments,
.
To understand the R75's dual antenna inputs:
* Goto the this eGroup's "Files Section".
* Click on the Information File.
* Select the Schematics.pdf (File).
* Scroll down to Page 6. "Main Utility (1) Schematic Diagram".
* Look at the Upper Left Corner (Grid A-6).
* Locate J101 the High-Z Antenna #2 Terminals and J111 the Low-Z Antenna #1 Terminals.
* Zoom in to 150% and Re-Center on Grid A-6.
.
1. Both antenna inputs have a common ground.
<Q> How good is your antennas and receivers external grounding point? Could one antenna be acting as a counterpoise or artificial ground for the other? Or, are both antennas collocated in close proximity to the other?
.
2. They both feed into RL121 (SPDT Relay) that is switched by your front panel "Antenna Switch".
<P> It is 'possible' that RL121 is the problem with having both antennas connected at the same time. Or, another 'possibility' is your problem is unique to your R-75 and your RL121 is defective.
.
3. Maybe, a better antenna relay design would have been a DPDT Relay switching in one antenna and grounding out the other antenna.
<S> The simplest 'solution' for you may be to connect only one antenna at a time. Plus 'grounding' out the other antenna when not in use.
.
~ RHF
.
- - - In icomr75@y..., "Bob Barr" <bbarr@s...> wrote:
> Are you using the front panel ANT control to switch between the two
> connectors (antennas)? If you look at sheet 6 of the schematic in the files
> section you will see that both connectors are not active at the same time.
> The antenna you wish to use is selected by the ANT switch. You state "if I
> disconnect the PL 259 from ANT 2"; isn't ANT 1 for the PL-259?
>
> Regards,
> Bob
> -----Original Message-----

> From: Moxie3 [mailto:moxie3@e...]
> Sent: Saturday, August 17, 2002 6:38 PM
> To: icomr75@y...
> Subject: [icomr75] Help: Strange Antenna Happenings
>
>
> Help!
>
> I have a long wire antenna hooked to ANT 1 and a dipole to ANT 2.
Since
> installing the last antenna, the dipole, I have always kept both
connected
> when using the radio, and the reception for both antennas are about
the
> same.
>
> However, today, I noticed something strange. I discovered that if
I
> disconnect the PL 259 from ANT 2, there was no noticeable difference
in
> reception with ANT 2. Then, when I disconnect wires from ANT 1,
with ANT 2
> wires still disconnected, reception to ANT 2 is diminished but not
totally
> gone AND there is NO reception with ANT 1. To rehash, there is no
> noticeable difference with ANT 2 reception with or without the ANT 2
antenna
> connected, but there is a great decrease in reception if ANT 1
antenna is
> disconnected. When ANT 1 antenna is disconnected, there is no
reception to
> ANT 1 but there is reception to ANT 2. Lastly, with antenna ANT 1
> disconnected, the reception to ANT 2 is the same with our without
the ANT 2
> antenna being connected. Does this make any sense to anyone?
>
> George
>
>
>
>
> [Non-text portions of this message have been removed]

2272. Re: Help: Strange Antenna Happenings

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-18 22:58:02 UTC
From: ptrlampione
Topic: 2256 Message: 2272

In my Icom R75, I have only ANT 1 connected.
When I switch to ANT 2, I hear nothing at all.

Peter

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Help!
>
> I have a long wire antenna hooked to ANT 1 and a dipole to ANT 2. Since installing the last antenna, the dipole, I have always kept both connected when using the radio, and the reception for both antennas are about the same.
>
> However, today, I noticed something strange. I discovered that if I disconnect the PL 259 from ANT 2, there was no noticeable difference in reception with ANT 2. Then, when I disconnect wires from ANT 1, with ANT 2 wires still disconnected, reception to ANT 2 is diminished but not totally gone AND there is NO reception with ANT 1. To rehash, there is no noticeable difference with ANT 2 reception with or without the ANT 2 antenna connected, but there is a great decrease in reception if ANT 1 antenna is disconnected. When ANT 1 antenna is disconnected, there is no reception to ANT 1 but there is reception to ANT 2. Lastly, with antenna ANT 1 disconnected, the reception to ANT 2 is the same with our without the ANT 2 antenna being connected. Does this make any sense to anyone?
>
> George
>
>
> [Non-text portions of this message have been removed]

2273. Re: [icomr75] Re: Introduction Loaded R-75 with DSP in EBAY

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-18 23:01:25 UTC
From: Bill Brady
Topic: 2253 Message: 2273

From: atagrasin <k1c2@...>
To: icomr75@yahoogroups.com
Subject: [icomr75] Re: Introduction Loaded R-75 with DSP in EBAY
Date: Sun, Aug 18, 2002, 11:23 AM

>
> > BTW, who has the best deal on a '75?
> There is a loaded R-75 in E-bay right now,with DSP installed...
>
> Shhhhhhhhhh....
>
>
HI Bill: Soooooooooooooooooooooory.....................

Yeah! I won! so I will soon have a R-75!

[Non-text portions of this message have been removed]

2274. Re: [icomr75] Re: Help: Strange Antenna Happenings

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-19 03:53:52 UTC
From: Moxie3
Topic: 2256 Message: 2274

RHF, the dipole antenna and the R75 are grounded to the same grounding block. I don't have a separate ground for the random wire. The ground wire is, I believe #4 copper and grounded to an 8 foot copper clad steel pole.

Both antennas are in close proximity to each other. The dipole and random wire run parallel with each other about 3 feet apart and for about 35 feet. Maybe I'll try grounding out 1 antenna while using the other and see if that works. thanks

George
----- Original Message -----
From: radiohighfreq
To: icomr75@yahoogroups.com
Sent: Sunday, August 18, 2002 2:53 PM
Subject: [icomr75] Re: Help: Strange Antenna Happenings

George to add to Bob's comments,
.
To understand the R75's dual antenna inputs:
* Goto the this eGroup's "Files Section".
* Click on the Information File.
* Select the Schematics.pdf (File).
* Scroll down to Page 6. "Main Utility (1) Schematic Diagram".
* Look at the Upper Left Corner (Grid A-6).
* Locate J101 the High-Z Antenna #2 Terminals and J111 the Low-Z Antenna #1 Terminals.
* Zoom in to 150% and Re-Center on Grid A-6.
.
1. Both antenna inputs have a common ground.
<Q> How good is your antennas and receivers external grounding point? Could one antenna be acting as a counterpoise or artificial ground for the other? Or, are both antennas collocated in close proximity to the other?
.
2. They both feed into RL121 (SPDT Relay) that is switched by your front panel "Antenna Switch".
<P> It is 'possible' that RL121 is the problem with having both antennas connected at the same time. Or, another 'possibility' is your problem is unique to your R-75 and your RL121 is defective.
.
3. Maybe, a better antenna relay design would have been a DPDT Relay switching in one antenna and grounding out the other antenna.
<S> The simplest 'solution' for you may be to connect only one antenna at a time. Plus 'grounding' out the other antenna when not in use.
.
~ RHF

.
- - - In icomr75@y..., "Bob Barr" <bbarr@s...> wrote:
> Are you using the front panel ANT control to switch between the two
> connectors (antennas)? If you look at sheet 6 of the schematic in
the files
> section you will see that both connectors are not active at the same
time.
> The antenna you wish to use is selected by the ANT switch. You state
"if I
> disconnect the PL 259 from ANT 2"; isn't ANT 1 for the PL-259?
>
> Regards,
> Bob
> -----Original Message-----
> From: Moxie3 [mailto:moxie3@e...]
> Sent: Saturday, August 17, 2002 6:38 PM
> To: icomr75@y...
> Subject: [icomr75] Help: Strange Antenna Happenings
>
>
> Help!
>
> I have a long wire antenna hooked to ANT 1 and a dipole to ANT 2.
Since
> installing the last antenna, the dipole, I have always kept both
connected
> when using the radio, and the reception for both antennas are about
the
> same.
>
> However, today, I noticed something strange. I discovered that if
I
> disconnect the PL 259 from ANT 2, there was no noticeable difference
in
> reception with ANT 2. Then, when I disconnect wires from ANT 1,
with ANT 2
> wires still disconnected, reception to ANT 2 is diminished but not
totally
> gone AND there is NO reception with ANT 1. To rehash, there is no
> noticeable difference with ANT 2 reception with or without the ANT 2
antenna
> connected, but there is a great decrease in reception if ANT 1
antenna is
> disconnected. When ANT 1 antenna is disconnected, there is no
reception to
> ANT 1 but there is reception to ANT 2. Lastly, with antenna ANT 1
> disconnected, the reception to ANT 2 is the same with our without
the ANT 2
> antenna being connected. Does this make any sense to anyone?
>

> George
>
>
>
>
> [Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

2275. Help please: Sony AN-LP1 connection to R75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-19 06:41:39 UTC
From: payman_a
Topic: 2275 Message: 2275

Hi,

I just bought a Kiwa modified + DSP equipped R75. My only antenna right now is the Sony AN-LP1 loop, with a 3.5 mm mini plug output, and I am wondering how can I connect it to the R75, and to which antenna input.

Also what about the ground terminal on the R75 and this antenna?

Many thanks for your help

payman

2276. Re: [icomr75] Help: Strange Antenna Happenings

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-19 14:04:51 UTC
From: Moxie3
Topic: 2256 Message: 2276

Bob, yep, I'm using the front panel switch to change between both antennas. Thanks,

George
----- Original Message -----
From: Bob Barr
To: icomr75@yahoogroups.com
Sent: Sunday, August 18, 2002 7:50 AM
Subject: RE: [icomr75] Help: Strange Antenna Happenings

Are you using the front panel ANT control to switch between the two connectors (antennas)? If you look at sheet 6 of the schematic in the files section you will see that both connectors are not active at the same time. The antenna you wish to use is selected by the ANT switch. You state "if I disconnect the PL 259 from ANT 2"; isn't ANT 1 for the PL-259?

Regards,
Bob
-----Original Message-----
From: Moxie3 [mailto:moxie3@...]
Sent: Saturday, August 17, 2002 6:38 PM
To: icomr75@yahoogroups.com
Subject: [icomr75] Help: Strange Antenna Happenings

Help!

I have a long wire antenna hooked to ANT 1 and a dipole to ANT 2. Since installing the last antenna, the dipole, I have always kept both connected when using the radio, and the reception for both antennas are about the same.

However, today, I noticed something strange. I discovered that if I disconnect the PL 259 from ANT 2, there was no noticeable difference in reception with ANT 2. Then, when I disconnect wires from ANT 1, with ANT 2 wires still disconnected, reception to ANT 2 is diminished but not totally gone AND there is NO reception with ANT 1. To rehash, there is no noticeable difference with ANT 2 reception with or without the ANT 2 antenna connected, but there is a great decrease in reception if ANT 1 antenna is disconnected. When ANT 1 antenna is disconnected, there is no reception to ANT 1 but there is reception to ANT 2. Lastly, with antenna ANT 1 disconnected, the reception to ANT 2 is the same with our without the ANT 2 antenna being connected. Does this make any sense to anyone?

George

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[Non-text portions of this message have been removed]

2277. Question????

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-19 15:47:48 UTC
From: nurseneuro2000
Topic: 2277 Message: 2277

Hello,

I own a few radios and was considering upgrading to an R75. I don't know much about electronics. The question is, What does the "front end" mean in regards to HF radios.

thanks

2278. Antenna for 30-60 Mhz?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-19 16:52:34 UTC
From: Bill Brady
Topic: 2278 Message: 2278

Hi gang,
I am wondering what antenna folks here use for the high side of the r-75? 30-50 Mhz? My first inclination is to grab a cheapie outdoor crossed dipole one uses for the FM band, but that'd likely limit the bottom end.

BTW, what does one DX in those freqs? The state police here used to use 50Mhz, but they are on a trunk now. I'm more interested in utility stations anyway.

[Non-text portions of this message have been removed]

2279. Re: [icomr75] Question????

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-20 00:07:36 UTC
From: Bill Brady
Topic: 2277 Message: 2279

Hello there nurseneuro2000!

In general the "front end" of a receiver refers to the RF sections, in the case of the R-75 there appears to be a lot of "front end". This would be the antenna selection, the pre filtration (RF Filter Circuit, there are actually 10 bandpass filters, selected according to the frequency), and two RF amplifiers, one using 2 FETs [discreet transistors] and one using an IC.

In short, the front end is everything before the IF.

Many low cost radios would have, at most, one transistor serving as an RF pre-amplifier, no antenna selection, no second Amp, and no pre filter.

From: nurseneuro2000 <nurseneuro2000@...>
To: icomr75@yahoogroups.com
Subject: [icomr75] Question????
Date: Mon, Aug 19, 2002, 11:47 AM

Hello,

I own a few radios and was considering upgrading to an R75. I don't know much about electronics. The question is, What does the "front end" mean in regards to HF radios.

thanks

[Non-text portions of this message have been removed]

2280. Re: [icomr75] Help please: Sony AN-LP1 connection to R75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-20 14:12:52 UTC
From: Moxie3
Topic: 2275 Message: 2280

Payman,

I'm still new at this stuff but....although there are an infinite number of opinions on grounding, the bottom line is that you should definitely ground the R75. The general consensus is that: Start with an 8 foot copper ground rod, and run heavy wire from the ground rod to a ground block, keeping the run as short as possible. Then run another wire, not as heavy as the R75 as the receiver can't take a very heavy wire. There are all sorts of adaptations you could use to run that shorter wire but the bottom line is to get a good ground.

George
----- Original Message -----
From: payman_a
To: icomr75@yahoogroups.com
Sent: Monday, August 19, 2002 1:41 AM
Subject: [icomr75] Help please: Sony AN-LP1 connection to R75?

Hi,

I just bought a Kiwa modified + DSP equipped R75. My only
antenna right now is the Sony AN-LP1 loop, with a 3.5 mm
mini plug output, and I am wondering how can I connect it
to the R75, and to which antenna input.

Also what about the ground terminal on the R75 and this
antenna?

Many thanks for your help

payman

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[Non-text portions of this message have been removed]

2281. FS - R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-20 13:19:35 UTC
From: pixeldoc
Topic: 2281 Message: 2281

Hi,

I thought I'd give the list members a shot at this before I resorted
to E-bay or local want ads. R-75 + DSP, 3yrs old, bought new
from Grove, excellent condition. $450 USD + shipping & ins.
PayPal preferred.

Thanks,

Eric

ericpeterson at mac dot com

2282. Best Ground Connector to R75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-20 15:23:59 UTC
From: Moxie3
Topic: 2282 Message: 2282

Has anyone found a good ground and antenna size wire, clip or whatever to connect to the R75's spring loaded connectors? I've been using 14ga wire but it seems too bulky as it has a tendency to easily pull out of the R75's spring loaded connectors. What have you guys been using? I hate to use a real thin wire as I'm trying to keep the ground wire and antenna wire as close as possible to the 14 ga. wire coming from the ground block and antenna - but I realize that what I have isn't working so I have to make a change and go smaller. Any suggestions would be appreciated.

George

[Non-text portions of this message have been removed]

2283. Re: Best Ground Connector to R75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-20 14:39:51 UTC
From: jim_hack
Topic: 2282 Message: 2283

I use 12ga stranded wire for my ground. At the receiver, I removed just enough strands so that the cable just fits into the connector. I haven't had any problems with it pulling out. This wire is about 4 feet long, going through the floor to the 8ft ground rod right outside my room.

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Has anyone found a good ground and antenna size wire, clip or whatever to connect to the R75's spring loaded connectors? I've been using 14ga wire but it seems too bulky as it has a tendency to easily pull out of the R75's spring loaded connectors. What have you guys been using? I hate to use a real thin wire as I'm trying to keep the ground wire and antenna wire as close as possible to the 14 ga. wire coming from the ground block and antenna - but I realize that what I have isn't working so I have to make a change and go smaller. Any suggestions would be appreciated.
>
> George
>
>
> [Non-text portions of this message have been removed]

2284. Re: [icomr75] Re: Best Ground Connector to R75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-20 18:34:02 UTC
From: Moxie3
Topic: 2282 Message: 2284

My problem isn't so much the wire fitting in the connector but staying in. Since I'm moving the receiver a few inches every time I use it, the movement may be loosening the connection. Maybe I need to place the receiver in a more permanent location. I wish there was a screw type terminal for the wires instead of the spring connectors but I guess you can't please everyone.

George
----- Original Message -----
From: jim_hack
To: icomr75@yahoogroups.com
Sent: Tuesday, August 20, 2002 9:39 AM
Subject: [icomr75] Re: Best Ground Connector to R75?

I use 12ga stranded wire for my ground. At the receiver, I removed
just enough strands so that the cable just fits into the connector.
I haven't had any problems with it pulling out. This wire is about 4
feet long, going through the floor to the 8ft ground rod right
outside my room.

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Has anyone found a good ground and antenna size wire, clip or
whatever to connect to the R75's spring loaded connectors? I've
been using 14ga wire but it seems too bulky as it has a tendency to
easily pull out of the R75's spring loaded connectors. What have
you guys been using? I hate to use a real thin wire as I'm trying
to keep the ground wire and antenna wire as close as possible to the
14 ga. wire coming from the ground block and antenna - but I realize
that what I have isn't working so I have to make a change and go
smaller. Any suggestions would be appreciated.
>
> George
>
>
> [Non-text portions of this message have been removed]

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2285. Re: Best Ground Connector to R75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-20 21:04:21 UTC
From: bpnjensen
Topic: 2282 Message: 2285

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> My problem isn't so much the wire fitting in the connector but staying in. Since I'm moving the receiver a few inches every time I use it, the movement may be loosening the connection. Maybe I need to place the receiver in a more permanent location. I wish there was a screw type terminal for the wires instead of the spring connectors but I guess you can't please everyone.<
>
> George<

Hello - I agree, the ground connection is one more little thing that Icom seems to have messed up on this radio (which is not faintly praise it - it's a good radio - but just to point out that Icom was haphazard in some elements of its design). A good heavy lug connection would have been better and no more costly. If you were not afraid of operating, it would be easy to install one of these near the connection (but know that it will probably void the warranty).

My solution involves another piece of equipment. I have an MFJ-1026 (noise canceller) with a good heavy lug, to which is connected an 8-gauge solid ground wire to my ground rod. I have run a heavy braided jumper cable, just big enough to fit sungly into the Icom, from this lug. It isn't ideal, as it would be better RF-wise to run separate ground wires to a large bus (which I may do soon), but it keeps the ground wire in place. If you cannot fit a heavy solid wire into that spring clip, one could solder a short piece of braided wire, the right size to be a snug fit, onto the solid wire.

Beyond this, it sounds like a better spring clip or a good coax cable connection may be in order. Best of luck to you.

Bruce Jensen
****

> ----- Original Message -----
> From: jim_hack
> To: icomr75@y...
> Sent: Tuesday, August 20, 2002 9:39 AM
> Subject: [icomr75] Re: Best Ground Connector to R75?
>
>
> I use 12ga stranded wire for my ground. At the receiver, I
removed
> just enough strands so that the cable just fits into the
connector.

> I haven't had any problems with it pulling out. This wire is
about 4
> feet long, going through the floor to the 8ft ground rod right
> outside my room.
>
>
> --- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> > Has anyone found a good ground and antenna size wire, clip or
> whatever to connect to the R75's spring loaded connectors? I've
> been using 14ga wire but it seems too bulky as it has a tendency
to
> easily pull out of the R75's spring loaded connectors. What have
> you guys been using? I hate to use a real thin wire as I'm
trying
> to keep the ground wire and antenna wire as close as possible to
the
> 14 ga. wire coming from the ground block and antenna - but I
realize
> that what I have isn't working so I have to make a change and go
> smaller. Any suggestions would be appreciated.
> >
> > George
> >
> >
> > [Non-text portions of this message have been removed]
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>
> [Non-text portions of this message have been removed]

2286. Re: Best Ground Connector to R75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-20 22:25:07 UTC
From: radiohighfreq
Topic: 2282 Message: 2286

George,
.
I posted this once before, about an 'optional' Grounding Point on the R75.
.
First, IF - You are NOT using the RS-232C Jack.
(See Page 6 Item # 3 Icom IC-R75 Instruction Manual)
The RS-232C has two 'Binding Post' that are "Chassis" Ground.
* Use a Larger Size (16-12 AWG) Wire from your Ground Block.
* Use Stranded Wire for Flexibility.
* Allow an Extra 9-12 inches length in this ground wire, so you can move things around a bit with out having to disconnect everything each time you look at the set-up.
* Use a Screw Hole Type Terminal on the R75 end of this wire.
(Crimp of Solder this Wire Terminal Connection.)
* Use the appropriate size screw (4-40?) and lock washer for the Binding Post.
* Hold the Binding Post with a small wrench and use a Screw Driver to tighten the screw.
NOTE: When you have to disconnect the Ground: Disconnect it at the Ground Block.
.
Alternative Grounding Point 'Modification':
This requires opening the R75 and thus may "VOID" the Warranty.
Open the R75; Remove the 'left mounting screw' from the High-Z Antenna Terminal Block.
Replace this 'left mounting screw' with a Combo Banana Jack/Binding Post.
Voila! You now have a Large and Strong R75 Ground Point.
You may use a Banana Plug as a Ground Wire Terminal.
Or you may simply wrap the wire around or pass it through the Binding Post and tighten it down.
.
~ RHF
.
- - - In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Has anyone found a good ground and antenna size wire, clip or whatever to connect to the R75's spring loaded connectors? I've been using 14ga wire but it seems too bulky as it has a tendency to easily pull out of the R75's spring loaded connectors. What have you guys been using? I hate to use a real thin wire as I'm trying to keep the ground wire and antenna wire as close as possible to the 14 ga. wire coming from the ground block and antenna - but I realize that what I have isn't working so I have to make a change and go smaller. Any suggestions would be appreciated.

>
> George
>
>
> [Non-text portions of this message have been removed]

2287. Re: Best Ground Connector to R75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-20 23:47:53 UTC
From: jim_hack
Topic: 2282 Message: 2287

Strange. Mine doesn't come out no matter how hard I pull on it (I don't want to break the connector) I had to remove strands as it was too big for the hole. Maybe yours will hold better if you try what I did? Maybe your spring is just weaker or the tooth isn't sharp enough to bite into the wire. Don't know what else to tell ya...

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> My problem isn't so much the wire fitting in the connector but staying in. Since I'm moving the receiver a few inches every time I use it, the movement may be loosening the connection. Maybe I need to place the receiver in a more permanent location. I wish there was a screw type terminal for the wires instead of the spring connectors but I guess you can't please everyone.
>
> George
> ----- Original Message -----
> From: jim_hack
> To: icomr75@y...
> Sent: Tuesday, August 20, 2002 9:39 AM
> Subject: [icomr75] Re: Best Ground Connector to R75?
>
>
> I use 12ga stranded wire for my ground. At the receiver, I removed
> just enough strands so that the cable just fits into the connector.
> I haven't had any problems with it pulling out. This wire is about 4
> feet long, going through the floor to the 8ft ground rod right
> outside my room.
>
>
> --- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> > Has anyone found a good ground and antenna size wire, clip or
> whatever to connect to the R75's spring loaded connectors? I've
> been using 14ga wire but it seems too bulky as it has a tendency to
> easily pull out of the R75's spring loaded connectors. What have
> you guys been using? I hate to use a real thin wire as I'm trying
> to keep the ground wire and antenna wire as close as possible to the
> 14 ga. wire coming from the ground block and antenna - but I realize

> that what I have isn't working so I have to make a change and go
> smaller. Any suggestions would be appreciated.
> >
> > George
> >
> >
> > [Non-text portions of this message have been removed]
>
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2288. Re: Best Ground Connector to R75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-20 23:50:07 UTC
From: jim_hack
Topic: 2282 Message: 2288

Oops! One other thing you could try... Put an eyelet on the end of the wire and use one of the case screws to bolt it down...

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> My problem isn't so much the wire fitting in the connector but staying in. Since I'm moving the receiver a few inches every time I use it, the movement may be loosening the connection. Maybe I need to place the receiver in a more permanent location. I wish there was a screw type terminal for the wires instead of the spring connectors but I guess you can't please everyone.
>
> George
> ----- Original Message -----
> From: jim_hack
> To: icomr75@y...
> Sent: Tuesday, August 20, 2002 9:39 AM
> Subject: [icomr75] Re: Best Ground Connector to R75?
>
>
> I use 12ga stranded wire for my ground. At the receiver, I removed
> just enough strands so that the cable just fits into the connector.
> I haven't had any problems with it pulling out. This wire is about 4
> feet long, going through the floor to the 8ft ground rod right
> outside my room.
>
>
> --- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> > Has anyone found a good ground and antenna size wire, clip or
> whatever to connect to the R75's spring loaded connectors? I've
> been using 14ga wire but it seems too bulky as it has a tendency to
> easily pull out of the R75's spring loaded connectors. What have
> you guys been using? I hate to use a real thin wire as I'm trying
> to keep the ground wire and antenna wire as close as possible to the
> 14 ga. wire coming from the ground block and antenna - but I realize
> that what I have isn't working so I have to make a change and go
> smaller. Any suggestions would be appreciated.
> >

> > George
> >
> >
> > [Non-text portions of this message have been removed]
>
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>
> [Non-text portions of this message have been removed]

2289. Re: Help please: Sony AN-LP1 connection to R75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-21 01:16:52 UTC
From: payman_a
Topic: 2275 Message: 2289

George,

Thanks for your reply and suggestion.

As for connecting the Sony AN-LP1 to the R75, I found
the solution too. One needs either a 3.5mm mini female
to UHF male (PL-259) adapter, or in its absence, can
try other combinations such as 3.5mm mini female to
RCA male followed by an RCA female to UHF male adapter.

Regards

payman

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Payman,
>
> I'm still new at this stuff but....although there are an infinite
number of opinions on grounding, the bottom line is that you should
definitely ground the R75. The general consensus is that: Start
with an 8 foot copper ground rod, and run heavy wire from the ground
rod to a ground block, keeping the run as short as possible. Then
run another wire, not as heavy as the R75 as the receiver can't take
a very heavy wire. There are all sorts of adaptations you could use
to run that shorter wire but the bottom line is to get a good ground.
>
> George
> ----- Original Message -----
> From: payman_a
> To: icomr75@y...
> Sent: Monday, August 19, 2002 1:41 AM
> Subject: [icomr75] Help please: Sony AN-LP1 connection to R75?
>
>
> Hi,
>
> I just bought a Kiwa modified + DSP equipped R75. My only
> antenna right now is the Sony AN-LP1 loop, with a 3.5 mm
> mini plug output, and I am wondering how can I connect it
> to the R75, and to which antenna input.
>
> Also what about the ground terminal on the R75 and this
> antenna?
>
> Many thanks for your help
>

> payman

2290. Cheap Radioshack Headset for R75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-21 22:46:35 UTC
From: payman_a
Topic: 2290 Message: 2290

Radio Shack has a "communication headset", basically a lightweight monaural headset for CB, scanner, SW, and Ham radios on sale for $6.49 till August 25 (down from $12.99).

Search for part number 20-210. You will need to use a coupon for this, which can be printed from

http://www.radioshack.com/Coupons/Coupons.asp

Has anyone used this headset?

Thanks
payman

2291. Re: [icomr75] Cheap Radioshack Headset for R75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-21 23:09:34 UTC
From: Bruce Jensen
Topic: 2290 Message: 2291

No, but for that price I'm willing to give it a try for fun :-)

It really does not have a very hard job; all it needs to do is reproduce sounds more-or-less linearly from about 200 to 6,000 Hz without excessive much distortion. If it can do that, and it doesn't break after a couple hours' use, it's a major bargain. I usually use a $90 pair of Sony stereo headphones, and they sound great, but they're almost certainly overkill for this application.

Thanks for the heads up! I might buy one after work and see how it works...

Bruce Jensen
****

--- payman_a <payman_a@...> wrote:
> Radio Shack has a "communication headset", basically a lightweight
> monaural headset for CB, scanner, SW, and Ham radios on sale for
> $6.49 till August 25 (down from $12.99).
>
> Search for part number 20-210. You will need to use a coupon for
> this, which can be printed from
>
> http://www.radioshack.com/Coupons/Coupons.asp
>
> Has anyone used this headset?
>
> Thanks
> payman
>
>
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>

=====
Cheers,
Bruce Jensen
~~~~~~~~~~~~
~~~~~~~~~~~~

The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

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2292. RE: [icomr75] Cheap Radioshack Headset for R75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-22 01:16:38 UTC
From: Bob Barr
Topic: 2290 Message: 2292

I have had one for several years. It is lightweight, good audio, fairly comfortable for extended listening. It does not block outside noise if that is important. The foam ear pads deteriorate rather quickly, but can be replaced. You will need a 1/8" mono to 1/4" mono adapter so it will fit the R-75 headphone jack. I think it is a good buy for 6.49.

Bob

-----Original Message-----
From: payman_a [mailto:payman_a@...]
Sent: Wednesday, August 21, 2002 6:47 PM
To: icomr75@yahoogroups.com
Subject: [icomr75] Cheap Radioshack Headset for R75?

Radio Shack has a "communication headset", basically a lightweight monaural headset for CB, scanner, SW, and Ham radios on sale for $6.49 till August 25 (down from $12.99).

Search for part number 20-210. You will need to use a coupon for this, which can be printed from

http://www.radioshack.com/Coupons/Coupons.asp

Has anyone used this headset?

Thanks
payman

[Non-text portions of this message have been removed]

2293. Re: Cheap Radioshack Headset for R75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-22 02:45:20 UTC
From: payman_a
Topic: 2290 Message: 2293

Very good - looks like it's worth a try.

It does come with a 1/8" to 1/4" adapter.

Thanks a lot

payman

--- In icomr75@y..., "Bob Barr" <bbarr@s...> wrote:
> I have had one for several years. It is lightweight, good audio,
fairly
> comfortable for extended listening. It does not block outside noise
if
> that is important. The foam ear pads deteriorate rather quickly,
but can
> be replaced. You will need a 1/8" mono to 1/4" mono adapter so it
will
> fit the R-75 headphone jack. I think it is a good buy for 6.49.
>
> Bob

2294. Re: [icomr75] Cheap Radioshack Headset for R75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-22 03:18:06 UTC
From: Bill Brady
Topic: 2290 Message: 2294

What I need are a set with full ear cushions that don't compress my ear lobes. All I have tried do that after about 30 minutes of use. I have a fat head I guess. }:o)

From: payman_a <payman_a@...>
To: icomr75@yahoogroups.com
Subject: [icomr75] Cheap Radioshack Headset for R75?
Date: Wed, Aug 21, 2002, 6:46 PM

Radio Shack has a "communication headset", basically a lightweight monaural headset for CB, scanner, SW, and Ham radios on sale for $6.49 till August 25 (down from $12.99).

Search for part number 20-210. You will need to use a coupon for this, which can be printed from

http://www.radioshack.com/Coupons/Coupons.asp

Has anyone used this headset?

Thanks
payman

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[Non-text portions of this message have been removed]

2295. Re: [icomr75] Cheap Radioshack Headset for R75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-22 04:24:57 UTC
From: DeWayne
Topic: 2290 Message: 2295

It looks like the one I bought about fifteen years ago. If so, it works quite well. I still use them.
DeWayne KE9K

No, but for that price I'm willing to give it a try for fun :-)

It really does not have a very hard job; all it needs to do is reproduce sounds more-or-less linearly from about 200 to 6,000 Hz without excessive much distortion. If it can do that, and it doesn't break after a couple hours' use, it's a major bargain. I usually use a $90 pair of Sony stereo headphones, and they sound great, but they're almost certainly overkill for this application.

Thanks for the heads up! I might buy one after work and see how it works...

Bruce Jensen
****

--- payman_a <payman_a@...> wrote:
> Radio Shack has a "communication headset", basically a lightweight
> monaural headset for CB, scanner, SW, and Ham radios on sale for
> $6.49 till August 25 (down from $12.99).
>
> Search for part number 20-210. You will need to use a coupon for
> this, which can be printed from
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> http://www.radioshack.com/Coupons/Coupons.asp
>
> Has anyone used this headset?
>
> Thanks
> payman
>
>
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=====
Cheers,
Bruce Jensen
~~~~~~~~~~~~
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Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

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2296. Re: [icomr75] Cheap Radioshack Headset for R75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-22 06:52:11 UTC
From: JosD@aol.com
Topic: 2290 Message: 2296

To All,

I have one, ONE, set of headphones that serve for all purposes. They are Etymotics. Check my review at epinions.com. I bought them with a full return guarantee and wouldn't have paid that kind of money, after trying them out on everything form my shortwaves to my major stereo, unless they were the best headphones I ever heard... and that beats the ding out of speakers... for any use I can imagine.

Joe

[Non-text portions of this message have been removed]

2297. Re: [icomr75] Cheap Radioshack Headset for R75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-22 11:50:21 UTC
From: Moxie3
Topic: 2290 Message: 2297

Yes, I did quite a bit of research and read many reviews about headphones and found that that the Etymotics are simply the very best. They are considered an earphone and they go into the ear canal, and are reference quality sound reproduction. Although they are expensive. They also cancel-out noise on a passive basis, that is environmental noise, not noise coming from the receiver. If anyone is interested, do a search and check out their site and the reviews. If anyone can't get the info, let me know as I have the site address and prices, I just have to look for it. And no, I didn't buy a set as I don't believe I would like something in my ear, it takes getting accustomed to. I originally researched them for its noise canceling properties for use while flying, and found them better than anything else on the market. But instead, I bought an inexpensive pair of NosieBuster headphones, an active noise canceling headphone. It is manufactured by NCT, the same company that designed, and I believe manufactures, the Clear Speech speaker and base unit used widely by hams. NCT also is the innovator of the flat speaker (for use on wall or desk) which I have 2 of.

George

George
----- Original Message -----
From: JosD@...
To: icomr75@yahoogroups.com
Sent: Thursday, August 22, 2002 1:52 AM
Subject: Re: [icomr75] Cheap Radioshack Headset for R75?

To All,

I have one, ONE, set of headphones that serve for all purposes. They are Etymotics. Check my review at epinions.com. I bought them with a full return guarantee and wouldn't have paid that kind of money, after trying them out on everything form my shortwaves to my major stereo, unless they were the best headphones I ever heard... and that beats the ding out of speakers... for any use I can imagine.

Joe

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2298. RE: [icomr75] Cheap Radioshack Headset for R75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-22 13:15:07 UTC
From: HFSSB
Topic: 2290 Message: 2298

Depends what you want to listen to, 200 to 6,000 Hz wouldn't work for me. I Haven't done a spectrum analysis on the R75 yet but I bet it's picking up AM broadcast band/SW music and Lo-Fi Hams below 200Hz, more like 60-80Hz and up. Marty

-----Original Message-----
....all it needs to do is reproduce sounds more-or-less linearly from about 200 to 6,000 Hz ...

2299. Re: Cheap Radioshack Headset for R75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-22 15:23:56 UTC
From: payman_a
Topic: 2290 Message: 2299

The radioshack speaker's specs claim it goes from 20 Hz to 20 kHz.

payman

--- In icomr75@y..., "HFSSB" <ny6zmd@a...> wrote:
> Depends what you want to listen to, 200 to 6,000 Hz wouldn't work for me. I
> Haven't done a spectrum analysis on the R75 yet but I bet it's picking up AM
> broadcast band/SW music and Lo-Fi Hams below 200Hz, more like 60-80Hz and up.
> Marty
>
> -----Original Message-----
> ....all it needs to do is reproduce sounds more-or-less linearly from about 200
> to 6,000 Hz ...

2300. Kiwa relocation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-22 15:57:31 UTC
From: payman_a
Topic: 2300 Message: 2300

(this is taken from the Sony ICF-2010 Yahoo Group)

From: "gtorbeck" <gtorbec@a...>
Date: Thu Aug 22, 2002 7:43 am
Subject: Kiwa

I finally managed to talk to Craig Siegenthaler of Kiwa. Apparently Kiwa is relocating soon and production has been halted. Off-the-shelf items, such as filters, are still available, but other items, such as antennas, will not be until the move is complete and Kiwa is up and running again. E-mails are no longer bouncing, so if you have any specific questions you can contact Craig directly at the address given on the Kiwa web page.

Gil

2301. RE: [icomr75] Cheap Radioshack Headset for R75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-22 16:50:12 UTC
From: Bruce Jensen
Topic: 2290 Message: 2301

You're right - but it probably gets down that low too. Personally, information less than 100 Hz doesn't do much for me, whether it is lo-fi music or speech. That's down in the mud.

Bruce Jensen
****
--- HFSSB <ny6zmd@...> wrote:
> Depends what you want to listen to, 200 to 6,000 Hz wouldn't work for
> me. I
> Haven't done a spectrum analysis on the R75 yet but I bet it's picking
> up AM
> broadcast band/SW music and Lo-Fi Hams below 200Hz, more like 60-80Hz
> and up.
> Marty
>
> -----Original Message-----
> ....all it needs to do is reproduce sounds more-or-less linearly from
> about 200
> to 6,000 Hz ...
>
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=====
Cheers,
Bruce Jensen
~~~~~~~~~~~~
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Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

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2302. Re: [icomr75] Re: Cheap Radioshack Headset for R75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-22 16:52:10 UTC
From: Bruce Jensen
Topic: 2290 Message: 2302

Speaker? Or the headset? Most small speakers do not have that kind of range, uslaly it is more like 100/150 up to about 12,000 to 15,000. For typical shortwave listening, AM or SSB, that's a bunch more than you need. Heck, my R75 only delivers up to 6 kHz on freq with the wide filter...and that's 99% of voice.

Bruce Jensen
****
--- payman_a <payman_a@...> wrote:
> The radioshack speaker's specs claim it goes from 20 Hz to 20 kHz.
>
> payman
>
> --- In icomr75@y..., "HFSSB" <ny6zmd@a...> wrote:
> > Depends what you want to listen to, 200 to 6,000 Hz wouldn't work
> for me. I
> > Haven't done a spectrum analysis on the R75 yet but I bet it's
> picking up AM
> > broadcast band/SW music and Lo-Fi Hams below 200Hz, more like 60-
> 80Hz and up.
> > Marty
> >
> > -----Original Message-----
> > ....all it needs to do is reproduce sounds more-or-less linearly
> from about 200
> > to 6,000 Hz ...
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
>
>

=====
Cheers,
Bruce Jensen
~~~~~~~~~~~~
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
~~~~~~~~~~~~

ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

_____
Do You Yahoo!?
HotJobs - Search Thousands of New Jobs
http://www.hotjobs.com

2304. Re: Cheap Radioshack Headset for R75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-22 17:23:54 UTC
From: payman_a
Topic: 2290 Message: 2304

Sorry, my mistake! I meant headset.

payman

--- In icomr75@y..., Bruce Jensen <bpnjensen@y...> wrote:
> Speaker? Or the headset? Most small speakers do not have that
kind of
> range, uslaly it is more like 100/150 up to about 12,000 to
15,000. For
> typical shortwave listening, AM or SSB, that's a bunch more than
you need.
> Heck, my R75 only delivers up to 6 kHz on freq with the wide
filter...and
> that's 99% of voice.
>
> Bruce Jensen
> ***********
> --- payman_a <payman_a@y...> wrote:
> > The radioshack speaker's specs claim it goes from 20 Hz to 20 kHz.

2305. 30-60MHz

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-22 20:47:44 UTC
From: Bill Brady
Topic: 2305 Message: 2305

Hi Gang,
Can anyone point me in the right direction to some info on the 30-60MHz bands? A URL or a book.

Thanks!

-Bill Brady

[Non-text portions of this message have been removed]

2306. Re: 30-60MHz

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-23 03:06:54 UTC
From: payman_a
Topic: 2305 Message: 2306

You can view the US frequency allocation chart here:
http://www.ntia.doc.gov/osmhome/allochrt.html

Who gets what ...
http://www.rdrop.com/users/billmc/freq_list.4

The best listening is probably the Amateur 6-meter band (50 - 54
MHz), as well as military "skip". See
http://groups.yahoo.com/group/vhfskip/

and
http://www.geocities.com/scottish_scanner/Page1.html

payman

--- In icomr75@y..., Bill Brady <wmbrady@c...> wrote:
> Hi Gang,
> Can anyone point me in the right direction to some info on the 30-
60MHz
> bands? A URL or a book.
>
> Thanks!
>
> -Bill Brady

2307. Re: [icomr75] Re: 30-60MHz

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-23 07:29:36 UTC
From: Bill Brady
Topic: 2305 Message: 2307

Thanks Payman.

From: payman_a <payman_a@...>
To: icomr75@yahoogroups.com
Subject: [icomr75] Re: 30-60MHz
Date: Thu, Aug 22, 2002, 11:06 PM

You can view the US frequency allocation chart here:
http://www.ntia.doc.gov/osmhome/allochrt.html

Who gets what ...
http://www.rdrop.com/users/billmc/freq_list.4

The best listening is probably the Amateur 6-meter band (50 - 54
MHz), as well as military "skip". See
http://groups.yahoo.com/group/vhfskip/

and
http://www.geocities.com/scottish_scanner/Page1.html

payman

--- In icomr75@y..., Bill Brady <wmbrady@c...> wrote:
> Hi Gang,
> Can anyone point me in the right direction to some info on the 30-
60MHz
> bands? A URL or a book.
>
> Thanks!
>
> -Bill Brady

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[Non-text portions of this message have been removed]

2308. Re: [icomr75]Ground rod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-24 06:27:46 UTC
From: Jamesz
Topic: 2308 Message: 2308

When you sink a ground rod make sure there aren't any gas lines around. Some older homes may not be in accordance with the building code and you may find something you don't want.

When I and a worker were sinking a wooden pole in my mother's back yard we hit a gas line where it wasn't supposed too be.

James Z.

2309. Re: [icomr75]Ground Rod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-24 10:35:00 UTC
From: radiohighfreq
Topic: 2308 Message: 2309

Yes, when it come to ground rods; Gas Lines and "Hold Your Nose" Sewer Pipes can be a problem. Anywhere within 4 Ft of a building is a 'possible' problem area when digging in the ground.
.
Remember: You Don't Know - Until You Look! Taking 15 Minutes of walking around an checking out the lay of the land as to where the 'utility services' are coming from can save your life and your wallet.

.
Another old 'safety rule' was to keep all parts of your antenna and ground system at least 5-6 Ft away from your buildings electrical service point. Not to protect the antenna or ground but to keep 'us' from completing the circuit (getting fried).
.
~ RHF
.
--- In icomr75@y..., Jamesz <r7y528@a...> wrote:
> When you sink a ground rod make sure there aren't any gas lines around. Some
> older homes may not be in accordance with the building code and you may find
> something you don't want.
>
> When I and a worker were sinking a wooden pole in my mother's back yard we
> hit a gas line where it wasn't supposed too be.
>
> James Z.

2310. Recommended Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-24 21:49:06 UTC
From: Moxie3
Topic: 2310 Message: 2310

Noticed that our owner's manual, page 8, states to "connect a Yagi antenna". You think that Icom recommends the Yagi because it works best for this receiver?

George

[Non-text portions of this message have been removed]

2311. Re: [icomr75] Recommended Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-24 22:11:16 UTC
From: Rik van Riel
Topic: 2310 Message: 2311

On Sat, 24 Aug 2002, Moxie3 wrote:

> Noticed that our owner's manual, page 8, states to "connect a Yagi
> antenna". You think that Icom recommends the Yagi because it works best
> for this receiver?

Nope, a Yagi is nice for listening on one band, but it's
absolutely not the best antenna for wide-band listening.

For shortwave, I would recommend a random wire as far
away from the house as possible, fed with coaxial cable
which has its shield grounded at multiple places.

regards,

Rik
--
Bravely reimplemented by the knights who say "NIH".

http://www.surriel.com/ http://distro.conectiva.com/

2312. The touch of an elephant

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-25 00:00:16 UTC
From: ic0mr75
Topic: 2312 Message: 2312

I enjoyed putting the mod circuit ver 2.1 together, but I have pulled the top off my R75 three times now, and can't bring myself to solder on the pins of the motorola chip. The last and final time, I soldered a nice ground connection from the mod board, but failed miserably to solder to pin 15. I have a friend who works at a radio repair shop, and he should be able to make the connections from the mod circuit to the motorola chip for me. I figured some of you would get a good laugh from my cowardly soldering skills.

2313. Re: [icomr75] The touch of an elephant

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-25 00:13:59 UTC
From: Rik van Riel
Topic: 2312 Message: 2313

On Sun, 25 Aug 2002, ic0mr75 wrote:

> I enjoyed putting the mod circuit ver 2.1 together, but I have pulled

> I figured some of you would get a good laugh from my cowardly soldering
> skills.

Nah, I'd never put my soldering iron inside my $500+ radio,
especially not since I can get much larger improvements in
reception by just putting up a better antenna ;)

My 14 meter T2FD works fine between 6 and 40 MHz and the
random wire works great between mediumwave and 9 MHz.

regards,

Rik
--
Bravely reimplemented by the knights who say "NIH".

http://www.surriel.com/ http://distro.conectiva.com/

2314. Re: The touch of an elephant

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-25 00:23:30 UTC
From: just_rtfm
Topic: 2312 Message: 2314

> I figured some of you would get a good
> laugh from my cowardly soldering skills.

no laughing at you here... i soldered for a good part of a summer back in my college days... and i was still sweating out some of that mod (the pin lift). i practiced soldering on an old SM phone before doing the pins.

phil :)

2315. Re: The touch of an elephant

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-25 01:23:00 UTC
From: payman_a
Topic: 2312 Message: 2315

Did you build the T2FD yourself? Is it as low-noise as claimed
(better than a long wire)?

payman

--- In icomr75@y..., Rik van Riel <riel@c...> wrote:
>
> My 14 meter T2FD works fine between 6 and 40 MHz and the
> random wire works great between mediumwave and 9 MHz.
>
> regards,
>
> Rik
> --

2316. Re: [icomr75] Re: The touch of an elephant

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-25 02:53:02 UTC
From: Moxie3
Topic: 2312 Message: 2316

What the heck is a T2FD?

George
----- Original Message -----
From: payman_a
To: icomr75@yahoogroups.com
Sent: Saturday, August 24, 2002 8:23 PM
Subject: [icomr75] Re: The touch of an elephant

Did you build the T2FD yourself? Is it as low-noise as claimed
(better than a long wire)?

payman

--- In icomr75@y..., Rik van Riel <riel@c...> wrote:
>
> My 14 meter T2FD works fine between 6 and 40 MHz and the
> random wire works great between mediumwave and 9 MHz.
>
> regards,
>
> Rik
> --

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[Non-text portions of this message have been removed]

2317. Re: The touch of an elephant

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-25 06:24:01 UTC
From: ic0mr75
Topic: 2312 Message: 2317

I bit the bullet. I went ahead and got all the wires soldered on to the chip, but couldn't get the synch mod to lock. I tried turning the variable resister, but to no avail. So, I took all the wires back off, and reset the 23 pin.

I may have to measure the values and check the mod circuit, or plan B, just send the radio to Kiwa and let them perform the mod.

2318. Re: The touch of an elephant

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-25 07:40:02 UTC
From: jim_hack
Topic: 2312 Message: 2318

Back in high school (a million years ago), my electronics teacher always use to say "don't let fear stop you" That's all the electronics experience I have! Transistors hadn't been around THAT long! I built a Radio Shack Globe Patrol shortwave kit (still have it!) and aligned and fiddled with my Halicrafters S-40 back then. Here it is, 2002, and I open up my R-75 to see a bunch of specks on a circuit board. Remembering the "Don't let fear stop you" thing, I used my trusty old magnifier light, dug out the old soldering iron and tore into it (after reading through the mod several times). It wasn't THAT bad. If I can do it, anyone can. I've since added the DSP unit and the speech synthesizer so I can stamp my recordings with the time/frequency/mode, etc. As long as you don't use a blowtorch and wreck the traces on the board, you can't hardly hurt anything. The pin-lift should be done gently though as the legs on i.c.'s don't like to bend very far without breaking...

--- In icomr75@y..., "ic0mr75" <219@b...> wrote:
> I enjoyed putting the mod circuit ver 2.1 together, but I have
pulled
> the top off my R75 three times now, and can't bring myself to
solder
> on the pins of the motorola chip. The last and final time, I
soldered
> a nice ground connection from the mod board, but failed miserably
to
> solder to pin 15. I have a friend who works at a radio repair
shop,
> and he should be able to make the connections from the mod circuit
to
> the motorola chip for me. I figured some of you would get a good
> laugh from my cowardly soldering skills.

2319. T2FD Antenna (was Re: The touch of an elephant)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-25 08:32:31 UTC
From: payman_a
Topic: 2312 Message: 2319

George,

Read all about it here:

http://www.hard-core-dx.com/nordicdx/antenna/wire/

Universal sells one for $250 (!)
http://www.universal-radio.com/catalog/sw_ant/0562.html

payman

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> What the heck is a T2FD?
>
> George

2320. T2FD Antenna (was Re: The touch of an elephant)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-25 17:28:35 UTC
From: dawntredereding
Topic: 2312 Message: 2320

There seems to be a general confusion about the TTFD antenna that was designed by Countryman and the broadband creatures sold by B&W,Diamond/Icom,SGC,and others that sell and all band antenna using pvc spreaders and a terminating resistor. Countryman's design was not an "all band" antenna, had a semi-resonant design with a much lower feed impedance, and had a larger aperture. This antenna was designed to be mounted high up from ground for long haul communication. The antennas that you see sold as broadband antennas are a different creature with a different design purpose. This breed of antenna was originally designed by a gentleman named Elmer Bush for the military and govt. It was a compromise design that had specific objectives that the military needed in the early 80's when adaptive ssb communications were being developed by Collins and Harris. Frequency agile communication systems imposed new demands that were getting ahead of the antenna design. Most all military circuits used 32' whips or inverted L's along with a servo/mechanical or preset stepping soelenoid controlled coupler. All of the autotuners that were available at that time used servo motors driven by a phase detector. Most designs were also limited to preset bands that were selected by the radio. Mechanical autotuners were simply not fast enough. The compromise was a fast switching preset tuner that used relays which became the progentior of today's microprocessor controlled, frequency counting autotuners. Outside of a huge discone (telex,harris et al) or giant,log periodics that would become almost ridiculous in the 2-8 meg region that dependable point to point circuits operate, traveling wave antennas were the only acceptable solution. Elmer's antenna took in to consideration that the system was adaptable, needed dependable medium distance communication,would not be erected very high and required a lower profile. Besides this, it could be deployed rapidly and had a quieter loop characteristic that eliminated grounding/counterpoise problems. What would be considered weak points to an amateur became benefits to this application. Part of the derivation of this antenna came from another TWT design that military was using at the time typically called a delta loop. It too had a very high impedance transformer and was terminated with high impedance resistor at the top forming a triangle. It had a very large aperture and despite the pundits, was quite efficient.(B&W sells something like this too) Interesting note here was that the radiation efficiency could actually be measured. They simply removed the terminating resistor and replaced it with another balun back to 50 ohms terminated with a wattmeter and dummy load. You could then calculate the radiation efficiency. Bush's antenna too used a very high impedance to keep the high current points farthest from the feed. Typically it was about 2000 ohms using a 16 /1 balun like the delta loops. Efficiency wasn't the need here,

dependable communications was. The aperture is narrow and the antenna is typically mounted below a quarter wave at the lowest frequencies. This arrangement gives a NVIS characteristic at the 2-8 meg region with lower efficiency for dependable point to point short haul comms. in that normally difficult region between 100-300 miles. At the higher frequencies, the antenna has a good amount of gain and the take-off angle is much,much lower giving decent DX performance. This is what the military and feds wanted in what would eventually become part of their ALE networks. Local region systems that were networked 24/7 with the capability of long haul use to link with a distant region. BTW, this idea of a compromise broadband antenna that kept a frequency hopping transmitter happy while feeding a wet string also brought to use a rather embarrasing antenna coupler that was nothing but a dummyload that had screw-eyes mounted on it forming a random dipole or end fed antenna. As long as it kept the pa from toasting and was able to get a signal in the air,it would do. This device was sold to the hams by the same huckster that sold it to the military for over $300 as the Maxcom Antenna Matcher. He made fantastic claims and denied it was a dummy load till a magazine had one Xrayed. I think that Icom sells something like this to the marine and avaiation markets(MN100?) and maybe Yaesu still does too. Fast, microprocessor autocouplers have again taken the lead in these networks as well as other hf services. These antennas see a lot of use from aviation and marine users as well as state and federal govt. in the US. For a contingency ALE system on top of a large building in an urban area, it remains as virtually the only viable option short of a coupler fed loop or dipole.

dwt

2321. JUst got one

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-25 18:15:35 UTC
From: nurseneuro2000
Topic: 2321 Message: 2321

Hey Guys,

I just got an r75. Its pretty nice radio. I seem to get quite of
background noise on stations, what is the remedy for that.

2322. Re: JUst got one

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-25 18:37:25 UTC
From: atagrasin
Topic: 2321 Message: 2322

--- In icomr75@y..., "nurseneuro2000" <nurseneuro2000@y...> wrote:
> Hey Guys,
>
> I just got an r75. Its pretty nice radio. I seem to get quite of
> background noise on stations, what is the remedy for that.
First we need to know what kind of antenna are you using,where are you located,which station are you tunning,are you using a new or used radio with some problems,do you know how to set the antenna selector mode switch?,In this group file you can find and read the phil's R-75 cookbook,check all this and then report back.

2323. Re: [icomr75] Re: The touch of an elephant

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-25 23:44:13 UTC
From: Rik van Riel
Topic: 2312 Message: 2323

On Sun, 25 Aug 2002, payman_a wrote:
> --- In icomr75@y..., Rik van Riel <riel@c...> wrote:
> >
> > My 14 meter T2FD works fine between 6 and 40 MHz and the
> > random wire works great between mediumwave and 9 MHz.

> Did you build the T2FD yourself? Is it as low-noise as claimed
> (better than a long wire)?

Yes and yes. I build a very low budget T2FD (TV coax, TV balun)
because those materials were the easiest to obtain. It's by far
the best antenna I've ever had between 6 and 40 MHz.

I've been trying for half a year now to build something better
than the T2FD, but I haven't succeeded.

The low frequencies are another story alltogether, my long wire
definately outperforms the T2FD, on mediumwave by up to 60 dB
and on 120, 90 and 60 meters also by a fairly wide margin.

On the other hand, the longwire doesn't work very well above
9 MHz, so the longwire and the T2FD complement each other very
nicely. I'm using a cheap ratshack antenna switch to quickly
switch between them.

regards,

Rik
--
Bravely reimplemented by the knights who say "NIH".

http://www.surriel.com/ http://distro.conectiva.com/

2324. Re: [icomr75] Re: The touch of an elephant

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-25 23:47:04 UTC
From: Rik van Riel
Topic: 2312 Message: 2324

On Sat, 24 Aug 2002, Moxie3 wrote:

> What the heck is a T2FD?

Terminated Tilted Folded Dipole (though the Tilted part is optional)

http://www.cebik.com/t2fd.html
http://www.hard-core-dx.com/nordicdx/antenna/wire/t2fd.html

regards,

Rik
--
Bravely reimplemented by the knights who say "NIH".

http://www.surriel.com/ http://distro.conectiva.com/

2325. Re: [icomr75] T2FD Antenna (was Re: The touch of an elephant)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-25 23:50:42 UTC
From: Rik van Riel
Topic: 2312 Message: 2325

On Sun, 25 Aug 2002, payman_a wrote:

> Read all about it here:
>
> http://www.hard-core-dx.com/nordicdx/antenna/wire/
>
> Universal sells one for $250 (!)
> http://www.universal-radio.com/catalog/sw_ant/0562.html

Looking at those prices I'm always tempted to quit my
current job and go into the antenna business. ;)

I built mine with maybe $20 in materials ...

cheers,

Rik
--
Bravely reimplemented by the knights who say "NIH".

http://www.surriel.com/ http://distro.conectiva.com/

2326. Re: The touch of an elephant

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-25 23:56:22 UTC
From: payman_a
Topic: 2312 Message: 2326

Rick,

It seems like you've got it right with both antennas and have a nice setup. I assume you have a standard T2FD so if I want to build one I can just follow instructions on the web. But, pardon my ignorance, where can I get a TV balun, and what type should it be? I may do just what you did (two antennas, one for under 9 Mhz and one for above).

Thanks so much

payman

--- In icomr75@y..., Rik van Riel <riel@c...> wrote:
> Yes and yes. I build a very low budget T2FD (TV coax, TV balun)
> because those materials were the easiest to obtain. It's by far
> the best antenna I've ever had between 6 and 40 MHz.
>
> I've been trying for half a year now to build something better
> than the T2FD, but I haven't succeeded.
>
> The low frequencies are another story alltogether, my long wire
> definately outperforms the T2FD, on mediumwave by up to 60 dB
> and on 120, 90 and 60 meters also by a fairly wide margin.
>
> On the other hand, the longwire doesn't work very well above
> 9 MHz, so the longwire and the T2FD complement each other very
> nicely. I'm using a cheap ratshack antenna switch to quickly
> switch between them.
>
> regards,
>
> Rik

2327. Re: [icomr75] Re: The touch of an elephant

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-26 02:26:53 UTC
From: Rik van Riel
Topic: 2312 Message: 2327

On Sun, 25 Aug 2002, payman_a wrote:

> It seems like you've got it right with both antennas and have a
> nice setup. I assume you have a standard T2FD so if I want to
> build one I can just follow instructions on the web. But,
> pardon my ignorance, where can I get a TV balun, and what
> type should it be? I may do just what you did (two antennas,
> one for under 9 Mhz and one for above).

I got one of the cheapo 300<->75 ohm baluns people use in TV
cables. Note that some models don't work well on shortwave
while others do, I discovered the right model after some
experimenting ;)

As for how to build a T2FD ... just follow the instructions
roughly, you have to be a real master to construct a badly
working T2FD since nothing about this antenna is critical.

regards,

Rik
--
Bravely reimplemented by the knights who say "NIH".

http://www.surriel.com/ http://distro.conectiva.com/

2328. T2FD Antenna (was Re: The touch of an elephant)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-26 04:01:39 UTC
From: payman_a
Topic: 2312 Message: 2328

A quick search of rec.radio.shortwave comes up with these
instructions for building a T2FD antenna. Another version is on
the web at

http://www.radiohc.org/Distributions/Dxers/ttfd2.html

From: Dave Gorz (g220710@....lmco.com)
Subject: Re: T2FD antenna
Newsgroups: rec.radio.shortwave
Date: 1997/04/01

In article <333e84b1.3148065@...>, tero.ranta@icenet.fi
(Tero Ranta) writes:
> Hi,
>
> I¨m planning to build T2FD antenna (terminate folded dipole) for
> whole HF spectrum (150kHz-30MHz). I would appreciate if you could >
> give me some dimensioning information.
>
>
> Thanks in advance,
>
> Tero Ranta.

Here's a description of one submitted by our man in Havana,
Arnie Coro. Sorry about it being in all capital letters, but that's
the way it was submitted.

Dave

EASY TO FOLLOW INSTRUCTIONS FOR BUILDING YOUR OWN BROADBAND
SHORTWAVE RECEIVING ANTENNA

"THE TILTED TERMINATED FOLDED DIPOLE, TTFD OR T2FD"

BY ARNIE CORO
RADIO AMATEUR CO2KK
HOST OF RADIO HAVANA CUBA'S " DXERS UNLIMITED "
RADIO HOBBY PROGRAM.

(THE INFORMATION IN THIS ARTICLE IS IN THE PUBLIC DOMAIN AND
MAY BE PASSED ALONG TO ANYONE WHO WANTS TO IMPROVE THEIR
SHORTWAVE RECEPTION)
PLEASE SEND YOUR COMMENTS TO: ARNIE CORO
DXERS UNLIMITED
RADIO HAVANA CUBA
PO BOX 6240

HAVANA CUBA
OR TO OUR E -MAIL ADDRESS: ACORO@...

INTRODUCTION: THE TILTED TERMINATED DIPOLE ANTENNA VERSION
FULLY TESTED HERE AT RADIO HAVANA CUBA HAS PROVEN TO BE THE
EASIEST BUILT , GENERAL PURPOSE , LOW NOISE ANTENNA OF THE
MANY THAT I HAVE TRIED FOR GENERAL SHORT WAVE RECEPTION..
THE ANTENNA IS BASICALLY A FOLDED DIPOLE OF ONE THIRD OF A
WAVELENGTH, OVERALL LENGTH, AT THE LOWEST FREQUENCY YOU WANT TO
LISTEN TO WITH MAXIMUM EFFICIENCY. THE ANTENNA WILL PERFORM
WITH LOWER EFFICIENCY AT FREQUENCIES LOWER THAN THE ABOVE, AND
WILL RETAIN ITS EXCELLENT LOW NOISE PICK-UP CHARACTERISTICS.
IF YOU ARE NOT FAMILIAR WITH SHORT WAVE ANTENNAS I RECOMMEND
YOU TAKE A LOOK AT AN ANTENNA HANDBOOOK OR AT THE RADIO
AMATEURS HANDBOOK ANTENNA SECTION SO THAT YOU CAN HAVE A CLEAR
PICTURE OF WHAT A *FOLDED DIPOLE * IS.
THE TTFD: TO CALCULATE THE LENGTH OF YOUR TTFD,IN METERS, USE THE
FOLLOWING :

FORMULA: 100 DIVIDED BY THE LOWEST FREQUENCY IN MEGAHERTZ.

HERE'S AN EXAMPLE: FOR GENERAL SHORT WAVE LISTENING,
A GOOD LOW FREQUENCY CUTOFF IS 7 MEGAHERTZ. SO 1OO/ 7 = 14.28 METERS.
FOR ALL PRACTICAL PURPOSES, YOUR ANTENNA LENGTH CAN BE 14.3 METERS.
NOW WE CALCULATE THE SEPARATION BETWEEN THE UPPER AND THE LOWER
PORTION OF THE FOLDED DIPOLE, USING THE FORMULA :
3 DIVIDED BY THE LOWEST AT WHICH WE WANT MAXIMUM EFFICIENCY
FREQUENCY IN MEGAHERTZ. FOR OUR 7 MEGAHERTZ EXAMPLE, IT'S SIMPLY
3/7= SEPARATION IN METERS. CALCULATING 3/7 = 0.42 METERS, WHICH
FOR ALL PRACTICAL PURPOSES IS 40 CENTIMETERS.
TO BUILD YOUR TTFD, YOU NEED COPPER WIRE. IT CAN
BE STANDARD ANTENNA WIRE NO.16 OR NO.14, OR YOU CAN USE
PVC COVERED HOUSEHOLD. TYPE WIRE, USED IN TYPICAL HOME ELECTRICAL
CIRCUITS. NO 14 OR NO. 16 PVC COVERED WIRE IS IDEAL FOR ANTENNAS
THAT ARE LESS THAN 30 METERS IN LENGTH.
THE TTFD IS A FOLDED DIPOLE, SO YOU MUST REALIZE THAT THE
TOP PORTION OF THE ANTENNA IS DIVIDED IN TWO BY AN
INSULATOR LOCATED EXACTLY AT THE MIDDLE OF THE TOP SECTION.
THAT INSULATOR IS BRIDGED BY A CARBON RESISTOR OF 390 OHMS
AND TWO WATT DISSIPATION, FOR AND ANTENNA THAT IS TO
BE USED ONLY FOR RECEIVING PURPOSES. THE 390-OHM CARBON
RESISTOR MUST BE CAREFULLY SOLDERED TO EACH SIDE OF THE ANTENNA
AND PROTECTED FROM THE WEATHER BY PLACING IT INSIDE A PIECE
OF PVC SPAGHETTI TUBING SEALED WITH EPOXY RESIN. OF COURSE
THAT YOU WILL NOT MAKE THE SMALL 390 OHM 2 WATT CARBON
RESISTOR HOLD BOTH WIRES TOGETHER, YOU MUST USE A HIGH QUALITY
ANTENNA INSULATOR TO HOLD THE TWO UPPER WIRES TOGETHER, AND THEN
BRIDGE THE INSULATOR WITH THE 390 OHM RESISTOR. MY ADVICE IS THAT
YOU PROTECT THE 390 OHM 2 WATT RESISTOR FROM THE EFFECTS OF THE
WEATHER INSIDE A SMALL SECTION OF PVC PLASTIC PIPE, SEAL THE ENDS
WITH SILICONE AND LET ONLY TWO FLEXIBLE LEADS COMING OUT OF THE

SECTION OF PVC TUBING. IF YOU CANNOT FIND A 390 OHM 2 WATT CARBON RESISTOR, THEN YOU MAY USE A PAIR OF 680 OHM 1 WATT OR 680 OHM 2 WATT RESISTORS CONNECTED IN PARARELL TO SUBSTITUTE FOR THE 390 OHM RESISTOR. IF YOU ARE THINKING OF EVER USING THE TTFD AS A TRANSMITTING ANTENNA, THEN THE TERMINATING RESISTOR MUST BE MODIFIED ACCORDINGLY. MORE ABOUT USING THE TTFD FOR TRANSMITTING LATER.

THE LOWER PORTION OF THE ANTENNA IS ALSO INTERRUPTED EXACTLY AT ITS CENTER WITH AN INSULATOR. THE ANTENNA FEEDLINE CONNECTS TO EACH SIDE OF THE INSULATOR. YOU MAY USE 3 TYPES OF DOWNLEADS WITH THE TTFD. YOU MAY USE HEAVY DUTY 300 OHM DUAL BALANCED TRANSMISSION LINE, WHICH MAY BE AVAILABLE AS *LOW LOSS TV FOAM TWIN LEAD * OR YOU CAN USE A HOMEMADE PARARELL FEEDLINE OF VERY LOW LOSS MADE FROM TWO 75 OHM COAXIAL CABLES. THE OUTER SHEATH OR BRAID OF THE COAXIAL CABLES IS JOINED TOGETHER RIGHT NEXT TO THE ANTENNA INSULATOR AND THEN IT'S LEFT WITHOUT ANY CONNECTION. BUT PLEASE REMEMBER TO SEAL IT FROM THE ADVERSE EFFECTS OF WEATHER USING SOME KIND OF SILICONE CAULKING COMPOUND. THE CENTER OR INNER CONDUCTORS OF THE COAXIAL CABLES ARE CONNECTED ONE TO EACH SIDE OF THE ANTENNA. YOUR HOME-BREWED 150 OHM DUAL BALANCED AND SHIELDED TRANSMISSION LINE IS TAKEN TO THE SHACK, WHERE YOU CONNECT THE CENTER CONDUCTORS TO THE BALANCED INPUT OF YOUR ANTENNA TUNER. THE OUTER SHEATS OR BRAIDS OF THE 2 CABLES ARE ALSO JOINED TOGETHER AND SOLDERED, BUT HERE THEY ARE CONNECTED TO YOUR RECEIVING SETUP GROUND CONNECTION.
THERE IS ANOTHER WAY TO FEED THE TTFD WITH JUST ONE SINGLE 75 OHM COAXIAL CABLE , AND THIS IS DONE BY CONNECTING A 6-TO-1 BALANCED TO UNBALANCED (BALUN) TRANSFORMER RIGHT AT THE ANTENNA TERMINALS. THE 6-TO-1 STEPDOWN BALUN WILL PROVIDE A MATCH TO THE 450 OHM ANTENNA WHILE AT THE SAME TIME PROVIDING A MATCH TO THE 75 OHM COAXIAL CABLE.
THE TTFD CONSTRUCTION INVOLVES THE USE OF AT LEAST SIX FIBERGLASS OR PVC SPREADERS THAT KEEP THE UPPER AND LOWER WIRES SEPARATED FROM EACH OTHER AT THE CALCULATED DISTANCE, WHICH IN OUR EXAMPLE IS 40 CENTIMETERS. AT THE END SECTIONS THE ANTENNA IS SUPPORTED USING HIGH QUALITY DACRON OR NYLON FISHING LINES WHICH ACT AS VERY LONG INSULATORS.
THE TTFD ANTENNA MUST BE PLACED WITH ONE END AT THE TOP OF THE MAST AND THE OTHER END AT A LOWER HEIGHT SO THAT THE ANTENNA SLOPES AT AN ANGLE OF 30 TO 45 DEGREES, FROM THE HORIZONTAL.

PLEASE NOTE THAT IT IS EASIER TO ASSEMBLE THE ANTENNA IF YOU PREPARE THE WIRES FIRST BY CUTTING TWO IDENTICAL SECTIONS WHICH FORM EACH SIDE, FROM THE TOP CENTER INSULATOR RIGHT TO THE LOWER CENTER INSULATOR. IN OUR EXAMPLE, THE LENGTH OF WIRE REQUIRED IS 14.6 METERS WHICH IS DISTRIBUTED THE FOLLOWING WAY: 7.1 METERS FROM THE TOP CENTER INSULATOR TO THE TOP END, 40 CENTIMETERS GOING DOWN, THEN 7.1 METERS

TO THE LOWER CENTER INSULATOR. IN PRACTICE YOU WOULD WANT
TO HAVE A LITTLE LEEWAY SO THAT YOU CAN WRAP THE ANTENNA
WIRE AROUND THE INSULATOR AT BOTH THE TOP AND LOWER SECTIONS.
PLEASE NOTE THAT YOU WILL NEED TWO IDENTICAL HALVES TO MAKE
YOUR ANTENNA.

THE FIBERGLASS INSULATORS OR SPREADERS THAT SEPARATE THE
UPPER AND LOWER WIRES ARE TIED USING NYLON FISHING LINE.
IF YOU WANT TO USE THE TTFD FOR AMATEUR BAND TRANSMITTING
PURPOSES YOU MUST REPLACE THE 390-OHM TWO-WATT CARBON RESISTOR
WITH A NON-INDUCTIVE RESISTOR OF 390 OHMS CAPABLE OF
DISSIPATING AT LEAST ONE FOURTH OF THE TRANSMITTER POWER
ON THE SSB MODE OR ONE THIRD OF THE TRANSMITTER POWER IN THE
CW OR RTTY MODE. THE RESISTOR CAN BE ASSEMBLED FROM A SERIES
PARALLEL COMBINATION OF TWO-WATT CARBON UNITS. FOR A TYPICAL
AMATEUR BAND 100-WATT TRANSCEIVER THE RESISTOR MUST BE
CAPABLE OF DISSIPATING ABOUT 36 WATTS.
SOME NOTES ABOUT THE TTFD: THE TTFD ANTENNA IS ESSENTIALLY
AN OMNIDIRECTIONAL RADIATOR. IT WILL PICK UP LESS NOISE THAN
A RANDOM WIRE, A DIPOLE OR A VERTICAL, OUTPERFORMING THE
TYPICAL WIRE ANTENNA ESPECIALLY IN NOISY DOWNTOWN LOCATIONS.

IF YOU HAVE ANY DOUBTS, PLEASE FELL FREE TO SEND THEM TO
ME VIA E-MAIL. I'LL DO MY BEST TO HELP YOU ENJOY BETTER
SHORTWAVE RECEPTION WITH THE TTFD.

WITH MY BEST 73 S
YOUR FRIEND IN HAVANA
ARNIE CORO CO-2-KK

P.S. AS A 6:1 BALUN IS NOT A STANDARD ITEM, AND MUST BE BUILT,
YOU MAY WANT TO USE A 4:1 BALUN TRANSFOMER, AN ITEM THAT MAY
BE BOUGHT OF THE SHELF FROM AMATEUR RADIO SUPPLY STORES.
SPECIFY A BALUN RATED FOR AT LEAST 250 WATTS POWER, AND WITH
A 4 TO 1 RATIO. THEY USUALLY COME IN A WELL SEALED BOX WITH
A FEMALE COAXIAL CONNECTOR FOR THE CABLE AND TWO WIRES FOR THE
BALANCED CONNECTION.

FEEDING THE TTFD WITH THE TWO 75 OHM COAXIAL CABLE BALANCED
SHIELDED TRANSMISSION LINE DESCRIBED ABOVE, IS SOMETHING THAT
YOU WONT FIND IN THE TECHNICAL LITERATURE , BUT THAT IS AN
EXCELLENT LOW COST SOLUTION, AS THE 75 OHM COAX OF GOOD
QUALITY IS MUCH CHEAPER THAN ANY OTHER TYPE OF ANTENNA DOWNLEAD
DUE TO MASSIVE PRODUCTION FOR TV CABLE DISTRIBUTION SYSTEMS
THAT KEEPS COSTS DOWN I.E. ECONOMIES OF SCALE !
IN CASE YOU USE THE TWO COAX CABLE BALANCED , SHIELDED TRANSMISSION
LINE, REMEMBER TO CONNECT THE SHIELDS OR BRAIDS TOGETHER AT THE
TWO ENDS OF THE LINE, AND THEN SEAL THEM AGAINST MOISTURE,
ESPECIALLY THE END OF THE LINE THAT IS EXPOSED TO THE WEAHTER.
THIS APPROACH REQUIRES THE USE OF A BALANCED ANTENNA TUNER,
OR AS AN ALTERNATIVE A LOW COST 4 TO 1 BALUN AT THE ANTENNA

TUNER INPUT. SOME ANTENNA TUNERS HAVE A BUILT-IN BALUN SO IN
THAT CASE YOU WONT NEED AN EXTERNAL UNIT.
GOOD LUCK BUILDING THE KK-11 VERSION OF THE TTFD !!
ARNIE

2329. Re: [icomr75] Re: The touch of an elephant

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-26 15:57:17 UTC
From: Bruce Jensen
Topic: 2312 Message: 2329

--- Rik van Riel <riel@...> wrote:
> On Sun, 25 Aug 2002, payman_a wrote:

> The low frequencies are another story alltogether, my long wire
> definately outperforms the T2FD, on mediumwave by up to 60 dB
> and on 120, 90 and 60 meters also by a fairly wide margin.
>
> On the other hand, the longwire doesn't work very well above
> 9 MHz, so the longwire and the T2FD complement each other very
> nicely. I'm using a cheap ratshack antenna switch to quickly
> switch between them.

Rik - how long is your longwire?

Bruce Jensen

=====
Cheers,
Bruce Jensen
~~~~~~~~~~~~
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

_____
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2330. Re: [icomr75] Re: The touch of an elephant

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-26 16:01:42 UTC
From: Rik van Riel
Topic: 2312 Message: 2330

On Mon, 26 Aug 2002, Bruce Jensen wrote:
> --- Rik van Riel <riel@...> wrote:

> > The low frequencies are another story alltogether, my long wire
> > definately outperforms the T2FD, on mediumwave by up to 60 dB
> > and on 120, 90 and 60 meters also by a fairly wide margin.
> >
> > On the other hand, the longwire doesn't work very well above
> > 9 MHz, so the longwire and the T2FD complement each other very
> > nicely. I'm using a cheap ratshack antenna switch to quickly
> > switch between them.
>
> Rik - how long is your longwire?

I guesstimate about 10 meters in the air, with the highest point
at 5 meters and the lowest point at 2 meters. From there maybe
15 meters on the ground to a feedpoint w/ ground pin I had from
a previous antenna experiment.

So all in all, about 25 to 30 meters of antenna wire.

regards,

Rik
--
Bravely reimplemented by the knights who say "NIH".

http://www.surriel.com/ http://distro.conectiva.com/

2331. Re: [icomr75] Re: The touch of an elephant

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-26 21:56:50 UTC
From: Moxie3
Topic: 2312 Message: 2331

Rik, is your long wire antenna running straight or does it change angles?

George
- Original Message -----
From: Rik van Riel
To: icomr75@yahoogroups.com
Sent: Monday, August 26, 2002 11:01 AM
Subject: Re: [icomr75] Re: The touch of an elephant

On Mon, 26 Aug 2002, Bruce Jensen wrote:
> --- Rik van Riel <riel@...> wrote:

> > The low frequencies are another story alltogether, my long wire
> > definately outperforms the T2FD, on mediumwave by up to 60 dB
> > and on 120, 90 and 60 meters also by a fairly wide margin.
> >
> > On the other hand, the longwire doesn't work very well above
> > 9 MHz, so the longwire and the T2FD complement each other very
> > nicely. I'm using a cheap ratshack antenna switch to quickly
> > switch between them.
>
> Rik - how long is your longwire?

I guesstimate about 10 meters in the air, with the highest point
at 5 meters and the lowest point at 2 meters. From there maybe
15 meters on the ground to a feedpoint w/ ground pin I had from
a previous antenna experiment.

So all in all, about 25 to 30 meters of antenna wire.

regards,

Rik
--
Bravely reimplemented by the knights who say "NIH".

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[Non-text portions of this message have been removed]

2332. Re: [icomr75] Re: The touch of an elephant

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-26 22:59:50 UTC
From: Rik van Riel
Topic: 2312 Message: 2332

On Mon, 26 Aug 2002, Moxie3 wrote:

> Rik, is your long wire antenna running straight or does it change angles?

It's running straight between the trees, but from the low tree
to the feed point it goes "the long way around".

The philosophy behind that is that a bent piece of wire usually
outperforms a missing piece of wire ... it seems to work well
in this case because the random wire is good at exactly those
frequencies where the T2FD isn't ;)

regards,

Rik
--
Bravely reimplemented by the knights who say "NIH".

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2333. Re: [icomr75] Re: The touch of an elephant

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-27 01:12:56 UTC
From: Moxie3
Topic: 2312 Message: 2333

Ric, what type wire are you using from the antenna to the radio?

George
----- Original Message -----
From: Rik van Riel
To: icomr75@yahoogroups.com
Sent: Monday, August 26, 2002 11:01 AM
Subject: Re: [icomr75] Re: The touch of an elephant

On Mon, 26 Aug 2002, Bruce Jensen wrote:
> --- Rik van Riel <riel@...> wrote:

> > The low frequencies are another story alltogether, my long wire
> > definately outperforms the T2FD, on mediumwave by up to 60 dB
> > and on 120, 90 and 60 meters also by a fairly wide margin.
> >
> > On the other hand, the longwire doesn't work very well above
> > 9 MHz, so the longwire and the T2FD complement each other very
> > nicely. I'm using a cheap ratshack antenna switch to quickly
> > switch between them.
>
> Rik - how long is your longwire?

I guesstimate about 10 meters in the air, with the highest point
at 5 meters and the lowest point at 2 meters. From there maybe
15 meters on the ground to a feedpoint w/ ground pin I had from
a previous antenna experiment.

So all in all, about 25 to 30 meters of antenna wire.

regards,

Rik
--
Bravely reimplemented by the knights who say "NIH".

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[Non-text portions of this message have been removed]

2334. Re: [icomr75] Re: The touch of an elephant

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-27 00:17:53 UTC
From: Rik van Riel
Topic: 2312 Message: 2334

On Mon, 26 Aug 2002, Moxie3 wrote:

> Ric, what type wire are you using from the antenna to the radio?

El-cheapo 75 ohm TV coax. Probably not the best, but it is
available in many shops and cheap enough to just roll out
as many runs as will fit ;)

Btw, next time it's _your_ turn to cut the excessive quotes
from the email ;)

cheers,

Rik
--
Bravely reimplemented by the knights who say "NIH".

http://www.surriel.com/ http://distro.conectiva.com/

2335. Re: External Speaker

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-27 04:55:56 UTC
From: payman_a
Topic: 768 Message: 2335

This speaker just went on sale (again) on Radioshack today
for $19.95. I will get one this week.

payman

--- In icomr75@y..., Bob <radio3353@y...> wrote:
> If you are looking for an external speaker to clean up
> the 'tinny' sound of the internal speaker, head on
> down to your nearest Radio Shack store now! They have
> a RCA bookshelf speaker on sale for half-price - just
> $19.95 - until October 27. Their stock number is
> 40-5000. This is a shielded 2-way speaker with a 3"
> woofer and a dome tweeter. It sits 6.5 inches high.
> The black color looks very sharp next to the R-75. I
> picked one up about three weeks ago and am very happy
> with it. Makes listening to AM and even SSB much more
> pleasant. By the way, I am not an employee of RS nor
> am I a stockholder! I just think this is a great buy
> and wanted to share this with the group. Good
> listening.
>
> Bob

2336. R75 Mods ver 2.1 Resistor value question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-27 15:13:35 UTC
From: curtis_cr
Topic: 2336 Message: 2336

I built up the 2.1 mod last night and am preparing to install it. I notice that R5 has a value of 1.1K. Since it's in series with a pot, I'm wondering is this value is right or if a standard 1k resistor wouldn't work as well. I put in a 1K resistor which I had lying around, but thought I'd better ask in case it's something else.

2337. Re: [icomr75] Re: External Speaker

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-27 16:34:51 UTC
From: Bruce Jensen
Topic: 768 Message: 2337

It's a great little speaker - the R75 sounds a heck of a lot better with it. It's bottom end spec prevents muddiness of sound. The regular price on this has dropped too! (used to be $39.95). It sounds better by far than my old RS SP-150 speaker that I have for my DX-160, too.

Bruce Jensen
****
--- payman_a <payman_a@...> wrote:
> This speaker just went on sale (again) on Radioshack today
> for $19.95. I will get one this week.
>
> payman
>
> --- In icomr75@y..., Bob <radio3353@y...> wrote:
> > If you are looking for an external speaker to clean up
> > the 'tinny' sound of the internal speaker, head on
> > down to your nearest Radio Shack store now! They have
> > a RCA bookshelf speaker on sale for half-price - just
> > $19.95 - until October 27. Their stock number is
> > 40-5000. This is a shielded 2-way speaker with a 3"
> > woofer and a dome tweeter. It sits 6.5 inches high.
> > The black color looks very sharp next to the R-75. I
> > picked one up about three weeks ago and am very happy
> > with it. Makes listening to AM and even SSB much more
> > pleasant. By the way, I am not an employee of RS nor
> > am I a stockholder! I just think this is a great buy
> > and wanted to share this with the group. Good
> > listening.
> >
> > Bob
>
>
>
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2338. RE: R75 Mods ver 2.1 Resistor value question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-27 22:02:23 UTC
From: John M. Gedde
Topic: 2336 Message: 2338

I designed v2.1. You should be fine with the 1k. You'll just lose a slight bit of adjustability on one end of the pot's range.

I chose 1.1k instead of 1k to center the pot around the desired threshold range.

John Gedde

<SNIP>
I built up the 2.1 mod last night and am preparing to install it. I notice that R5 has a value of 1.1K. Since it's in series with a pot, I'm wondering is this value is right or if a standard 1k resistor wouldn't work as well. I put in a 1K resistor which I had lying around, but thought I'd better ask in case it's something else.
</SNIP>

2339. Re: R75 Mods ver 2.1 Resistor value question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-28 00:15:53 UTC
From: atagrasin
Topic: 2336 Message: 2339

--- In icomr75@y..., "curtis_cr" <curtisc62@s...> wrote:
> I built up the 2.1 mod last night and am preparing to install it.
I
> notice that R5 has a value of 1.1K. Since it's in series with a
pot,
> I'm wondering is this value is right or if a standard 1k resistor
> wouldn't work as well. I put in a 1K resistor which I had lying
> around, but thought I'd better ask in case it's something else.
Why not add a 100 ohm resistor in serial with the 1k?My 2 cents.

2340. Re: External Speaker

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-28 07:10:39 UTC
From: payman_a
Topic: 768 Message: 2340

While on the subject of speakers ... I just ordered these from amazon.com (free shipping) to complete a surround sound system. However I will also test them with the R75 and then worry about priorities - surround, or shortwave? :-)

AudioSource LS100 50 Watt Indoor/Outdoor Speakers (Pair)
http://www.amazon.com/exec/obidos/ASIN/B00001OXQB

Price: $27.99 (for set of two)

The speakers are reviewed as having a "open midrange and warm tonal balance" using an "extra midrange driver" with 80 to 20,000 Hz frequency response, making them good for vocals.

payman

2341. Re: R75 Mods ver 2.1 Resistor value question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-28 11:51:24 UTC
From: curtis_cr
Topic: 2336 Message: 2341

Ok and thanks for the replies. I'll try it with the 1k and see what happens. I did think about adding the 100 ohm resistor in series AFTER I built it (total brain lapse), but wanted to make sure it wasn't a typo that really meant .1K. I can add it in anytime with relative ease. BTW, building it up was easy using a perf board - we'll see about the soldering!

--- In icomr75@y..., "curtis_cr" <curtisc62@s...> wrote:
> I built up the 2.1 mod last night and am preparing to install it. I
> notice that R5 has a value of 1.1K. Since it's in series with a pot,
> I'm wondering is this value is right or if a standard 1k resistor
> wouldn't work as well. I put in a 1K resistor which I had lying
> around, but thought I'd better ask in case it's something else.

2342. Re: [icomr75] Re: External Speaker

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-28 13:14:09 UTC
From: Moxie3
Topic: 768 Message: 2342

Speaking of speakers. I purchased a 11x14 flat speaker, about 2 inches thick, from AmCom (they sell the Clear Speech speakers used by hams). The speaker originally sold for $149 and are being closed-out. I like it so much, I bought another. You can also find them via the internet for less. I have both connected at the R75 speaker jack and they sound great. I place the volume control less than half way running both speakers plus they are located under my desk. The speakers are made for wall hanging although you can place them elsewhere as I have. The company also sells prints that can be used in place of the covering already on them and they have an enormous selection. They are called Gekko speakers and come in larger sizes too, but heck, 11x14 is large enough unless you're placing them on a wall. They have a technology I don't fully understand. I have tried the Shack's RCA speaker but I had to place the volume control too high to receive adequate volume and didn't care for the clarity. Also better than my Koss amplified speakers which are now stored. They are manufactured by NCT (I think Noise Cancellation Technologies), the company that designed the Clear Speech speaker and NoiseBuster headphones.

George
----- Original Message -----
From: payman_a
To: icomr75@yahoogroups.com
Sent: Wednesday, August 28, 2002 2:10 AM
Subject: [icomr75] Re: External Speaker

While on the subject of speakers ... I just ordered these from
amazon.com (free shipping) to complete a surround sound system.
However I will also test them with the R75 and then worry about
priorities - surround, or shortwave? :-)

AudioSource LS100 50 Watt Indoor/Outdoor Speakers (Pair)
http://www.amazon.com/exec/obidos/ASIN/B00001OXQB

Price: $27.99 (for set of two)

The speakers are reviewed as having a "open midrange and warm tonal
balance" using an "extra midrange driver" with 80 to 20,000 Hz
frequency response, making them good for vocals.

payman

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[Non-text portions of this message have been removed]

2343. Re: [icomr75] Re: External Speaker

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-08-28 17:17:16 UTC
From: Bruce Jensen
Topic: 768 Message: 2343

They look like nice speakers - but the recommended minimum input power is
10W. Will the Icom 1W output drive them properly? Let us know...

Bruce Jensen
****
--- payman_a <payman_a@...> wrote:
> While on the subject of speakers ... I just ordered these from
> amazon.com (free shipping) to complete a surround sound system.
> However I will also test them with the R75 and then worry about
> priorities - surround, or shortwave? :-)
>
> AudioSource LS100 50 Watt Indoor/Outdoor Speakers (Pair)
> http://www.amazon.com/exec/obidos/ASIN/B00001OXQB
>
> Price: $27.99 (for set of two)
>
> The speakers are reviewed as having a "open midrange and warm tonal
> balance" using an "extra midrange driver" with 80 to 20,000 Hz
> frequency response, making them good for vocals.
>
> payman
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
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>
>
> Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
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>

=====
Cheers,
Bruce Jensen
~~~~~~~~~~~~
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

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~~~~~~~~~~~~

2345. Sherwood SE-3 Mk III

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-03 16:47:42 UTC
From: broadcast_dx
Topic: 2345 Message: 2345

After many years of wanting a Sherwood SE-3 Mk III, I finally placed my order this morning. I'll be using the SE-3 with the Icom R75 and Palstar R30C. I expect to see the most dramatic improvement on the Palstar since its ECSS capabilities are somewhat limited due to its rather coarse tuning steps, but I am confident that the R75 will also benefit greatly from the excelllent synchrous detection afforded by the SE-3.

I have looked through previous messages in this group and haven't found any reports from DX'ers who are actually using a SE-3 with the R75 although I would be very interested in any observations from list members who are using this combination but have not posted.

I'll be sure to post my observations to the list as soon as possible.

73,
Brandon Jordan

2347. Re: Sherwood SE-3 Mk III

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-03 19:54:13 UTC
From: broadcast_dx
Topic: 2345 Message: 2347

Phil--

Sherwood has instructions for installing the BUF-3 buffer board in the R75 so I opted to install the board myself since I have experience working with electronic circuitry. I did ship my Palstar R30C off to them for the buffer board installation since they did not have instruction for this receiver but that should be resolved after the installation.

If you plan on using your SE-3 with multiple receivers you may want to consider Sherwood's matching switch box. I ordered the version that allows the SE-3 to be used with up to 4 receivers.

I am really expecting to have exteremely outstanding results with the Palstar R30C/SE-3 combo since the R30 is already such a great sounding receiver. For tough DX'ing situations I have usually opted for the R75 but expect that the R30 will be much more useful in those situations with synch. While ecss is possible with the R30, I found it to be less than satisfying due to the Palstar's rough tuning steps.

I've been wanting a SE-3 for many years now and am very excited that I am finally about to have one :)

73,
Brandon Jordan

2348. Re: Help: Strange Antenna Happenings

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-03 21:24:21 UTC
From: njlar
Topic: 2256 Message: 2348

I've noticed that if I directly ground the PL-259 antenna input, I get a weak signal, but if I do it through a 50 ohm resistor, nothing

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> RHF, the dipole antenna and the R75 are grounded to the same grounding block. I don't have a separate ground for the random wire. The ground wire is, I believe #4 copper and grounded to an 8 foot copper clad steel pole.
>
> Both antennas are in close proximity to each other. The dipole and random wire run parallel with each other about 3 feet apart and for about 35 feet. Maybe I'll try grounding out 1 antenna while using the other and see if that works. thanks
>
> George
> ----- Original Message -----
> From: radiohighfreq
> To: icomr75@y...
> Sent: Sunday, August 18, 2002 2:53 PM
> Subject: [icomr75] Re: Help: Strange Antenna Happenings
>
>
> George to add to Bob's comments,
> .
> To understand the R75's dual antenna inputs:
> * Goto the this eGroup's "Files Section".
> * Click on the Information File.
> * Select the Schematics.pdf (File).
> * Scroll down to Page 6. "Main Utility (1) Schematic Diagram".
> * Look at the Upper Left Corner (Grid A-6).
> * Locate J101 the High-Z Antenna #2 Terminals and J111 the Low-Z Antenna #1 Terminals.
> * Zoom in to 150% and Re-Center on Grid A-6.
> .
> 1. Both antenna inputs have a common ground.
> <Q> How good is your antennas and receivers external grounding point?
> Could one antenna be acting as a counterpoise or artificial ground
> for the other? Or, are both antennas collocated in close proximity to
> the other?
> .
> 2. They both feed into RL121 (SPDT Relay) that is switched by your

> front panel "Antenna Switch".
> <P> It is 'possible' that RL121 is the problem with having both
> antennas connected at the same time. Or, another 'possibility'
> is your problem is unique to your R-75 and your RL121 is
defective.
> .
> 3. Maybe, a better antenna relay design would have been a DPDT
Relay
> switching in one antenna and grounding out the other
> antenna.
> <S> The simplest 'solution' for you may be to connect only one
antenna
> at a time. Plus 'grounding' out the other antenna when not in
use.
> .
> ~ RHF
> .
> - - - In icomr75@y..., "Bob Barr" <bbarr@s...> wrote:
> > Are you using the front panel ANT control to switch between the
two
> > connectors (antennas)? If you look at sheet 6 of the schematic
in
> the files
> > section you will see that both connectors are not active at the
same
> time.
> > The antenna you wish to use is selected by the ANT switch. You
state
> "if I
> > disconnect the PL 259 from ANT 2"; isn't ANT 1 for the PL-259?
> >
> > Regards,
> > Bob
> > -----Original Message-----
> > From: Moxie3 [mailto:moxie3@e...]
> > Sent: Saturday, August 17, 2002 6:38 PM
> > To: icomr75@y...
> > Subject: [icomr75] Help: Strange Antenna Happenings
> >
> >
> > Help!
> >
> > I have a long wire antenna hooked to ANT 1 and a dipole to
ANT 2.
> Since
> > installing the last antenna, the dipole, I have always kept
both
> connected
> > when using the radio, and the reception for both antennas are
about

> the
> > same.
> >
> > However, today, I noticed something strange. I discovered
that if
> I
> > disconnect the PL 259 from ANT 2, there was no noticeable
difference
> in
> > reception with ANT 2. Then, when I disconnect wires from ANT
1,
> with ANT 2
> > wires still disconnected, reception to ANT 2 is diminished but
not
> totally
> > gone AND there is NO reception with ANT 1. To rehash, there is
no
> > noticeable difference with ANT 2 reception with or without the
ANT 2
> antenna
> > connected, but there is a great decrease in reception if ANT 1
> antenna is
> > disconnected. When ANT 1 antenna is disconnected, there is no
> reception to
> > ANT 1 but there is reception to ANT 2. Lastly, with antenna
ANT 1
> > disconnected, the reception to ANT 2 is the same with our
without
> the ANT 2
> > antenna being connected. Does this make any sense to anyone?
> >
> > George
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
>
>
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>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@e...
>
>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of

Service.
>
>
>
> [Non-text portions of this message have been removed]

2349. AM/MW - Three Foot Box Loop Antenna "KIT"

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-03 22:09:35 UTC
From: radiohighfreq
Topic: 2349 Message: 2349

So for some reason, you can't build a K9AY 'outdoors' Loop for AM/MW DXing.
.
But you have thought about building an 'indoor' AM/MW Box Loop Antenna to use with your Icom R75 for AM/MW DXing.
Here is a "KIT" that has 'All' the Parts and Plans to do just that.
.
K5DKZ - Basic Three Foot Box Loop Antenna "KIT":
* This Three Foot Loop actually measures 33 inches on a side and stands about six feet tall from base to the top of the vertical spreader. The structure of the loop is an "X" Frame construction.
* The Main Wire Loop consists of 13 turns of stranded, insulated hook-up wire. A 365mmfd variable capacitor is used to tune the loop.
* A One Turn Pick-Up Loop is centered on the 13 turn loop and is held just inside the main loop.
* The Spreader Arms and wire combs are made from 1 X 5/8 inch clear, knot-free cedar.
.
http://www.qsl.net/k5dkz/4loop.html
.
~ RHF
.

2350. Antenna tuners

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-04 00:47:54 UTC
From: payman_a
Topic: 2350 Message: 2350

What type of antenna tuners is everybody using, especially with longwires? I've been looking at various models by MFJ, and even old ones like the Yaesu FRT-7700 (which looks very good!). Anybody have an FRT-7700 for sale? :-)

Thanks

payman

2351. New version of Fineware's RLDB is out.

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-04 01:04:36 UTC
From: broadcast_dx
Topic: 2351 Message: 2351

For you folks that use Mark Fine's Radio Listener's Database (RLDB) application with your R75, there is a new version just posted on his website at http:www.fineware-swl.com and there has been a significant speed improvement when loading the database and it is working flawlessly here.

For those that haven't taken advantage of this truly outstanding and FREE application, check it out! I'm not associated with Fineware, just a very satisified customer. :)

2352. Re: Antenna Tuners

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-05 00:03:51 UTC
From: radiohighfreq
Topic: 2350 Message: 2352

I use the FRT-7700 with my FRG-7700 and Kenwood R-5000. But I have
not tried it with the R75. What I like about the FRT-7700 is the
Extra AM/MW Band Filtering arrangement for both SW and MW DXing.
Check eBay a FRT-7700 shows up about once a month.
You could have had a Complete 'New in the Box' FRT-7700 from Sinapore
last month.
.
~ RHF
.
--- In icomr75@y..., "payman_a" <payman_a@y...> wrote:
> What type of antenna tuners is everybody using, especially with
> longwires? I've been looking at various models by MFJ, and even old
> ones like the Yaesu FRT-7700 (which looks very good!). Anybody have
> an FRT-7700 for sale? :-)
>
> Thanks
>
> payman

2353. Re: Antenna Tuners

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-05 04:41:59 UTC
From: payman_a
Topic: 2350 Message: 2353

Thanks. I was just outbid a few days ago on an FRT-7700. I will
continue looking at ebay ... In terms of features in a nice small
package, it looks like a hard to beat tuner, especially with its
extra AM/MW Band Filtering as you mentioned.

payman

--- In icomr75@y..., "radiohighfreq" <rhf-mail@u...> wrote:
> I use the FRT-7700 with my FRG-7700 and Kenwood R-5000. But I have
> not tried it with the R75. What I like about the FRT-7700 is the
> Extra AM/MW Band Filtering arrangement for both SW and MW DXing.
> Check eBay a FRT-7700 shows up about once a month.
> You could have had a Complete 'New in the Box' FRT-7700 from
Sinapore
> last month.
> .
> ~ RHF

2354. Re: [icomr75] Re: Antenna Tuners

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-05 13:41:29 UTC
From: Moxie3
Topic: 1650 Message: 2354

How much does a tuner help with a long wire (60 feet) antenna?

George
----- Original Message -----
From: payman_a
To: icomr75@yahoogroups.com
Sent: Wednesday, September 04, 2002 11:41 PM
Subject: [icomr75] Re: Antenna Tuners

Thanks. I was just outbid a few days ago on an FRT-7700. I will
continue looking at ebay ... In terms of features in a nice small
package, it looks like a hard to beat tuner, especially with its
extra AM/MW Band Filtering as you mentioned.

payman

--- In icomr75@y..., "radiohighfreq" <rhf-mail@u...> wrote:
> I use the FRT-7700 with my FRG-7700 and Kenwood R-5000. But I have
> not tried it with the R75. What I like about the FRT-7700 is the
> Extra AM/MW Band Filtering arrangement for both SW and MW DXing.
> Check eBay a FRT-7700 shows up about once a month.
> You could have had a Complete 'New in the Box' FRT-7700 from
Sinapore
> last month.
> .
> ~ RHF

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[Non-text portions of this message have been removed]

2355. Re: Antenna Tuners

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-05 20:05:50 UTC
From: payman_a
Topic: 1650 Message: 2355

I think if you have a "raw" long wire (no baluns, no matching devices), the tuner should help a good deal.

See the MFJ-956 as an example:
http://www.universal-radio.com/catalog/preamps/2964.html

payman

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> How much does a tuner help with a long wire (60 feet) antenna?
>
> George

2356. Re: [icomr75] Re: Antenna Tuners

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-05 21:43:04 UTC
From: Moxie3
Topic: 1650 Message: 2356

Payman,

Is the FRT-7700 that everyone is talking about supposed to be better than the MFJ-956?

George
----- Original Message -----
From: payman_a
To: icomr75@yahoogroups.com
Sent: Thursday, September 05, 2002 3:05 PM
Subject: [icomr75] Re: Antenna Tuners

I think if you have a "raw" long wire (no baluns, no matching
devices), the tuner should help a good deal.

See the MFJ-956 as an example:
http://www.universal-radio.com/catalog/preamps/2964.html

payman

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> How much does a tuner help with a long wire (60 feet) antenna?
>
> George

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[Non-text portions of this message have been removed]

2357. Re: Antenna Tuners

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-05 22:18:42 UTC
From: radiohighfreq
Topic: 1650 Message: 2357

For me the FRT-7700 works better then the MFJ products I have used with the equipment I have and currently use. I like it for AM/MW Antenna Tuning (Peaking) and it works well on SW too.

.

The only way to find out and 'know' if an Antenna Tuner or Pre-Selector will work with your Receiver(s) and Antenna(s) setup is to 'borrow' of buy one and try it out for yourself with your equipment.

.

How To Test and Evaluate an Antenna Tuner's Effectiveness:

* Have your antenna directly connected into your receiver.
Tune and Log several stations on various bands and Log your S-Meter reading and Audio Quality (subjective).

* Install the Antenna Tuner between the receiver and antenna.
Follow the Antenna Tuners "Tuning" Instructions.
Tune and Log several stations on various bands and Log your S-Meter reading and Audio Quality (subjective).

* Compare the two sets of Logings.

? Are the S-Meter readings Higher?

? Does the Audio Quality sound better?

+ If the 'answers' to the two questions are 'both' YES:
Then the antenna tuner is working "Very Good" for you using your equipment. [Keep It / Buy One]

= If the 'answer' to one of the two questions is Yes:
Then the antenna tuner is working "fair" for you using your equipment.

- If the 'answers' to the two questions are 'both' NO:
Then the antenna tuner is working "NOT" for you using your equipment.
[Return It / Don't Buy One]

NOTE: About the S-Meter reading and Audio Quality.

* Some times the S-Meter reading goes Down, because the signal has less noise, but the over all Audio Quality is Better ~ The Programing is more Listenable.

* Most time the S-Meter reading goes Up and the Audio Quality is Better.

.

mkia ~ RHF

.

- - - In icomr75@y..., "Moxie3" <moxie3@e...> wrote:

> Payman,
>
> Is the FRT-7700 that everyone is talking about supposed to be better
than the MFJ-956?
>
> George

> ----- Original Message -----
> From: payman_a
> To: icomr75@y...
> Sent: Thursday, September 05, 2002 3:05 PM
> Subject: [icomr75] Re: Antenna Tuners
>
>
> I think if you have a "raw" long wire (no baluns, no matching
> devices), the tuner should help a good deal.
>
> See the MFJ-956 as an example:
> http://www.universal-radio.com/catalog/preamps/2964.html
>
> payman
>
> --- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> > How much does a tuner help with a long wire (60 feet) antenna?
> >
> > George
>
>
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>
>
> [Non-text portions of this message have been removed]

2358. Re: Antenna Tuners

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-06 00:27:54 UTC
From: radiohighfreq
Topic: 2350 Message: 2358

Payman,
.
There is a Yaesu FRT-7700 on eBay right now.
B U T . . .
It is part of a three piece combo. (No Fries)
Package includes the Yaesu FRG-8800 SW Receiver plus a "FRT-7700
Antenna Tuner" and a FRA-7700 Active Antenna. Nice looking combo.
eBay Item # 1378986121.
.
bhbo ~ RHF
.
- - - In icomr75@y..., "payman_a" <payman_a@y...> wrote:
> Thanks. I was just outbid a few days ago on an FRT-7700. I will
> continue looking at ebay ... In terms of features in a nice small
> package, it looks like a hard to beat tuner, especially with its
> extra AM/MW Band Filtering as you mentioned.
>
> payman
>
> --- In icomr75@y..., "radiohighfreq" <rhf-mail@u...> wrote:
> > I use the FRT-7700 with my FRG-7700 and Kenwood R-5000. But I
have
> > not tried it with the R75. What I like about the FRT-7700 is the
> > Extra AM/MW Band Filtering arrangement for both SW and MW DXing.
> > Check eBay a FRT-7700 shows up about once a month.
> > You could have had a Complete 'New in the Box' FRT-7700 from
> Sinapore
> > last month.
> > .
> > ~ RHF

2359. DC Power Plug

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-06 00:41:50 UTC
From: Bob
Topic: 2359 Message: 2359

Does anybody know of a source for a plug to fit the DC power jack? It is 6.5mm OD and 3.0mm ID. I want to make up a power cable to run the radio off a battery, but don't want to pay $12 plus shipping for a ready-made ICOM cable. I have checked all of the usual suspects (Radio Shack, Mouser, MCM) but can't find this size. Thanks.

Bob

2360. Re: [icomr75] DC Power Plug

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-06 00:55:14 UTC
From: Don
Topic: 2359 Message: 2360

It is 274-1572a @ Radio Shack.
--
Don
--
-
CAKE001 CASF024 CA6CYF KHN3161 NAMA471 WA6004SWL
N33d42m W117d59m DM13AQ UTC -7 hrs

2361. Re: Antenna Tuners

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-06 04:12:58 UTC
From: payman_a
Topic: 2350 Message: 2361

Thanks. It does look very nice, but as you noticed it has 2 items
that I don't need (the receiver and the active antenna!). Having just
bought my Icom R75 + dsp + kiwa mods, I think I will not buy a new
radio in a while :-)

payman

--- In icomr75@y..., "radiohighfreq" <rhf-mail@u...> wrote:
> Payman,
> .
> There is a Yaesu FRT-7700 on eBay right now.
> B U T . . .
> It is part of a three piece combo. (No Fries)
> Package includes the Yaesu FRG-8800 SW Receiver plus a "FRT-7700
> Antenna Tuner" and a FRA-7700 Active Antenna. Nice looking combo.
> eBay Item # 1378986121.

2362. Re: Antenna Tuners

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-06 04:19:37 UTC
From: payman_a
Topic: 1650 Message: 2362

George,

I think RHF gave a very good reply to your question.

I would only add that any reasonable antenna tuner should be able to help AT LEAST in rejecting images and intermod, and making your listening experience a nicer one.

I am currently using a Sony AN-LP1 indoor loop + preselector/tuner with my Icom, with good results. Since the FRT-7700 is so hard to find, I may give the MFJ-956 a try, especially if I can get it locally or borrow it from somebody,

payman

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Payman,
>
> Is the FRT-7700 that everyone is talking about supposed to be better than the MFJ-956?
>
> George

2363. Re: Antenna Tuners

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-06 12:26:35 UTC
From: radiohighfreq
Topic: 2350 Message: 2363

The object would be to buy the package and Check-Out the FRT-7700 and FRA-7700 with the R75.
.
Then "Re-Sell" the FRG-8800 and either or both of the two accessories you did not want.
.
I have seen the FRT-7700 and FRA-7700 go between $45 <$75> $115 on eBay.
The FRG-8800 by itself should go between $250 <$300> $375.
My new 'estimate of the 'Value' of the package on eBay is $340 <$450> $605.
WARNING $605 ??? Beware of Bidders with an eBay Feedback Rating of <10: The Just Want To Win One!
.
bhbo ~ RHF
.
- - - In icomr75@y..., "payman_a" <payman_a@y...> wrote:
> Thanks. It does look very nice, but as you noticed it has 2 items
> that I don't need (the receiver and the active antenna!). Having just
> bought my Icom R75 + dsp + kiwa mods, I think I will not buy a new
> radio in a while :-)
>
> payman
>
>
> --- In icomr75@y..., "radiohighfreq" <rhf-mail@u...> wrote:
> > Payman,
> > .
> > There is a Yaesu FRT-7700 on eBay right now.
> > B U T . . .
> > It is part of a three piece combo. (No Fries)
> > Package includes the Yaesu FRG-8800 SW Receiver plus a "FRT-7700
> > Antenna Tuner" and a FRA-7700 Active Antenna. Nice looking combo.

> > eBay Item # 1378986121.

2364. Re: [icomr75] Re: Antenna Tuners

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-06 13:35:03 UTC
From: Moxie3
Topic: 1650 Message: 2364

Payman,

Please let me know if you get the MFJ model.

George
----- Original Message -----
From: payman_a
To: icomr75@yahoogroups.com
Sent: Thursday, September 05, 2002 11:19 PM
Subject: [icomr75] Re: Antenna Tuners

George,

I think RHF gave a very good reply to your question.

I would only add that any reasonable antenna tuner should be able to help AT LEAST in rejecting images and intermod, and making your listening experience a nicer one.

I am currently using a Sony AN-LP1 indoor loop + preselector/tuner with my Icom, with good results. Since the FRT-7700 is so hard to find, I may give the MFJ-956 a try, especially if I can get it locally or borrow it from somebody,

payman

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Payman,
>
> Is the FRT-7700 that everyone is talking about supposed to be better than the MFJ-956?
>
> George

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[Non-text portions of this message have been removed]

2365. Re: [icomr75] Re: Antenna Tuners

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-06 16:04:15 UTC
From: Bruce Jensen
Topic: 2350 Message: 2365

--- radiohighfreq <rhf-mail@...> wrote:

> WARNING $605 ??? Beware of Bidders with an eBay Feedback Rating of
> <10: The Just Want To Win One!

Hey! That's not fair - we were all there once. I have never once welched on a bid, although one person ran off after I paid him (it was only $8, so no biggie).

Bruce Jensen
****

> bhbo ~ RHF
> .
> - - - In icomr75@y..., "payman_a" <payman_a@y...> wrote:
> > Thanks. It does look very nice, but as you noticed it has 2 items
> > that I don't need (the receiver and the active antenna!). Having
> just
> > bought my Icom R75 + dsp + kiwa mods, I think I will not buy a new
> > radio in a while :-)
> >
> > payman
> >
> >
> > --- In icomr75@y..., "radiohighfreq" <rhf-mail@u...> wrote:
> > > Payman,
> > > .
> > > There is a Yaesu FRT-7700 on eBay right now.
> > > B U T . . .
> > > It is part of a three piece combo. (No Fries)
> > > Package includes the Yaesu FRG-8800 SW Receiver plus a "FRT-7700
> > > Antenna Tuner" and a FRA-7700 Active Antenna. Nice looking combo.
>
> > > eBay Item # 1378986121.
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
>
>

=====
Cheers,
Bruce Jensen
~~~~~~~~~~~~
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

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http://finance.yahoo.com
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2366. Re: [icomr75] Re: Antenna Tuners

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-06 16:28:45 UTC
From: Bob
Topic: 1650 Message: 2366

----- Original Message -----
From: radiohighfreq
WARNING $605 ??? Beware of Bidders with an eBay Feedback Rating of
<10: The Just Want To Win One!
.

With two of my ebay purchases(of the few that I do), folks DIDN'T leave feedback. I'm still working to get over 10.

Poor qualification statement based on opinion.

[Non-text portions of this message have been removed]

2367. Re: Antenna Tuners

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-06 19:06:21 UTC
From: radiohighfreq
Topic: 1650 Message: 2367

)-: Maybe I should clarify :-(

1. Some "Newbees" on eBay with a \O^O/
Want to Win their First Auction on eBay.

2. If you get in a Bidding War with them You LOOOSE !
* Frequently the Item is Bid Up TOO High.
* If the "Newbee" Wins: They Pay the Price.
* If You Win: Then You Pay Too Much.
.
bhbo* ~ RHF
*Bid High Bid Often !
Tally Hoo, On to the Next Great Deal!
.
- - - In icomr75@y..., "Bob" <edrisr@e...> wrote:
>
> ----- Original Message -----
> From: radiohighfreq
> WARNING $605 ??? Beware of Bidders with an eBay Feedback Rating
of
> <10: The Just Want To Win One!
> .
>
> With two of my ebay purchases(of the few that I do), folks DIDN'T
leave feedback. I'm still working to get over 10.
>
> Poor qualification statement based on opinion.
>
>
> [Non-text portions of this message have been removed]

2368. ERGO control software will soon support the R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-06 22:34:52 UTC
From: broadcast_dx
Topic: 2368 Message: 2368

I'm not sure if you folks are familiar with the excellent ERGO control software, but I just have word from them that the next project after releasing v4 later this month is adding support for the Icom R75. This is a truly awesome control package, check out their web site at http://swldx.com

I've been asked to help test the alpha version of the R75 control module, so I'll be sure and keep the list updated.

2369. RE: [icomr75] DC Power Plug

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-06 23:51:30 UTC
From: Bob
Topic: 2359 Message: 2369

Thanks, Don. But where did you find that? I cannot find that number anywhere in my 2002 R.S. catalog.

Bob

-----Original Message-----
From: Don [mailto:dtmknsn@...]
Sent: Thursday, September 05, 2002 8:55 PM
To: icomr75@yahoogroups.com
Subject: Re: [icomr75] DC Power Plug

It is 274-1572a @ Radio Shack.
--
Don
--
-
CAKE001 CASF024 CA6CYF KHN3161 NAMA471 WA6004SWL
N33d42m W117d59m DM13AQ UTC -7 hrs

2370. RE: [icomr75] DC Power Plug

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-07 00:18:43 UTC
From: Bob
Topic: 2359 Message: 2370

I just tried searching that number on R.S. website and it came up with nothing found. Are you sure about that number?

Thanks,
Bob

-----Original Message-----
From: Don [mailto:dtmknsn@...]
Sent: Thursday, September 05, 2002 8:55 PM
To: icomr75@yahoogroups.com
Subject: Re: [icomr75] DC Power Plug

It is 274-1572a @ Radio Shack.
--
Don
--
-
CAKE001 CASF024 CA6CYF KHN3161 NAMA471 WA6004SWL
N33d42m W117d59m DM13AQ UTC -7 hrs

2371. Re: Antenna Tuners

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-07 01:51:04 UTC
From: payman_a
Topic: 1650 Message: 2371

Will definitely do.

On another note, I am still waiting for those $28 amazon.com speakers, which were supposed to have shipped "in 24 hours" 10 days ago!

Meanwhile I got a Radioshack PRO-X44AV speaker on sale for $30 which works beautifully.

payman

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Payman,
>
> Please let me know if you get the MFJ model.
>
> George

2372. Re: [icomr75] DC Power Plug

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-07 02:13:37 UTC
From: Don
Topic: 2359 Message: 2372

Look on page 223, item Q. The package (2 plugs each) only is marked
274-1572a. Why I don't know. I bought a couple packs in case RS
discontinues them.
--
Don
--
-
CAKE001 CASF024 CA6CYF KHN3161 NAMA471 WA6004SWL
N33d42m W117d59m DM13AQ UTC -7 hrs

2373. Powering-Up Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-07 21:34:47 UTC
From: Moxie3
Topic: 2373 Message: 2373

When not using the radio, I always unplug the power pack from the electrical outlet. I noticed that at the very instant when the power pack is plugged into the electrical outlet, the light on the radio's display flickers on for a split second. Has anyone else noticed this phenomenon? This happens even though the radio was turned off when the electrical plug was removed.

George

[Non-text portions of this message have been removed]

2374. Re: [icomr75] Powering-Up Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-08 00:32:18 UTC
From: Art Burke
Topic: 2373 Message: 2374

I've seen it before. I sent my radio in twice just to find out (hadn't sent in the supply),
that the adapter was bad.

I love the receiver and hope that it lasts a long time..:)

Art

2375. Report on Ver 2.1 Mod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-08 00:39:47 UTC
From: curtis_cr
Topic: 2375 Message: 2375

I performed the 2.1 AGC/Sync mod to my R75 a few days ago as detailed in the schematic in the files section. I though I'd share my thoughts as to this mod since a lot of the messages I read related to earlier versions.

1. The mod is easy to build and cost me about $4 since I had to buy the perf board, chip and variable resistor - all at RS. I used seperated wires from an 8 conductor ribbon cable for the connection to the sync chip in the radio which turned out to be a good gauge and they are nice and flexible.

2. The soldering to the chip was not too bad but I had one of these magnifying "hats" which is very handy for close work. I secured the wires to one of the grey signal cables with black tape to secure them before soldering and this kept them from stressing the joints as the perf board is moved. Still, if you aren't comfortable with soldering, you could certainly damage things. I also found that setting the variable resistor to about the center of it's travel worked fine for me.

3. The sync now works MUCH better and I now use it by default on AM. It locks in on even weak stations. Phil's great guide implies that the SAM blinks when engaged, but mine is not blinking when locked and blinking when it's not. Mine stays locked from about -2.5khz down to about 3.5khz up from the target frequency so you can use it with the 1.2khz narrow filter detuning trick - which I like a lot.

4. Some of the earlier versions apparently whistled when locking, but this one locks almost instantly and does not whistle. At most you get a sound like a "beep". I used the 22k "high speed" resistor and it locks quickly. You can tune with SAM on and when you're on the correct frequency for an AM signal, it'll stop blinking.

5. Experimenting with signals with deep fade distortion in the audio, I've managed to find a few where I can engage SAM in the middle of a fade and the audio becomes almost instantly understandable. The fades are still there - but the audio no longer distorts. I've also found 2 or 3 signals where engaging SAM actually reduces the noise, but I really don't know why. It doesn't happen often, but when it does repeated presses of the AM key confirmed the effect.

6. The AGC fix is worth it by itself in my opinion. It makes for much slower AGC action and I frequently now use it set to Fast. If you turn the RF gain all the way down while receiving a station and

then bring it quickly back to full, you'll see the agc action on the signal strength meter. It sees to me to be timed very nicely now.

7. This didn't affect the overall audio quality - it's still not got a lot of high frequencies which makes it sound rather dull. I'm going to try some real time dsp sotware to see if a good multiband eq wouldn't help a lot with this. HIFI Audio quality is not a big deal to me, but it'll be interesting to see what happens.

I hoep some of you who are considering this mod will find this report useful.

2376. Re: [icomr75] Powering-Up Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-08 02:20:28 UTC
From: Moxie3
Topic: 2373 Message: 2376

Art, are you saying that the light flicker is caused by a bad adapter?

George
----- Original Message -----
From: Art Burke
To: icomr75@yahoogroups.com
Sent: Saturday, September 07, 2002 7:32 PM
Subject: Re: [icomr75] Powering-Up Question

I've seen it before. I sent my radio in twice just to find out (hadn't
sent in the supply),
that the adapter was bad.

I love the receiver and hope that it lasts a long time..:)

Art

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[Non-text portions of this message have been removed]

2377. RE: [icomr75] DC Power Plug

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-08 01:20:42 UTC
From: Bob
Topic: 2359 Message: 2377

OK, I have it now. That explains why the website search didn't produce anything. Thanks! I had been searching the printed catalog back in the AC adapter section. Silly me! I guess the lesson learned is to not assume like items will be together in the same catalog section. I am going to pick up a few packs myself for the same reason. Doesn't seem to be a commonly used size. Thanks again, Don.

Bob

-----Original Message-----
From: Don [mailto:dtmknsn@...]
Sent: Friday, September 06, 2002 10:14 PM
To: icomr75@yahoogroups.com
Subject: Re: [icomr75] DC Power Plug

Look on page 223, item Q. The package (2 plugs each) only is marked 274-1572a. Why I don't know. I bought a couple packs in case RS discontinues them.
--
Don
--
-
CAKE001 CASF024 CA6CYF KHN3161 NAMA471 WA6004SWL
N33d42m W117d59m DM13AQ UTC -7 hrs

2378. Re: [icomr75] Powering-Up Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-08 03:15:01 UTC
From: Eric F. Richards
Topic: 2373 Message: 2378

George, Art,

I rather doubt it. All you are seeing is the processor -- which is still on and running -- reacting to the dropping voltage as the capacitors discharge. Lots of electronics will do similar oddball things when they are unplugged or running on low voltage.

Eric

At 09:20 PM 9/7/2002 -0500, Moxie3 wrote:
>Art, are you saying that the light flicker is caused by a bad adapter?
>
>George
> ----- Original Message -----
> From: Art Burke
> To: icomr75@yahoogroups.com
> Sent: Saturday, September 07, 2002 7:32 PM
> Subject: Re: [icomr75] Powering-Up Question
>
>
> I've seen it before. I sent my radio in twice just to find out (hadn't
> sent in the supply),
> that the adapter was bad.
>
> I love the receiver and hope that it lasts a long time..:)
>
> Art
>
>
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>
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--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2379. 2003 Passport to World Band Radio for $12.56

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-08 04:56:57 UTC
From: payman_a
Topic: 2379 Message: 2379

(from rec.radio.shortwave, Author <alins@... (Ali N.)>, Message-ID: <51990af0.0209072046.3cc8201@...>)

buy.com is now taking pre-orders for the 2003 Passport to World Band Radio for $12.56 with free budget shipping (2-3 weeks). Availibility is said to be Dec. 2002, but the actual release will probably be in Oct/Nov. This is cheaper than Universal Radio, Grove, or amazon.com. Sales tax only in California, Indiana, and Massachusetts.

Type in the ISBN number (0914941836) in the search box and you will see it, or search for "Passport to World Band Radio".

2380. Re: Report on Ver 2.1 Mod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-08 05:41:53 UTC
From: just_rtfm
Topic: 2375 Message: 2380

great post!

> Phil's great guide implies that the SAM blinks when engaged,
> but mine is not blinking when locked and blinking when it's not.

:D... i am wrong (someone e-mailed me about this also)... i will need to change this in version 2 of my cookbook! i modded my sync and AGC now also (great mods IMO).

> Mine stays locked from about - 2.5khz down to about 3.5khz
> up from the target frequency so you can use it with the
> 1.2khz narrow filter detuning trick - which I like a lot.

actually there is another trick i do which i was going to add to version 2 of the cookbook... my numbers same as yours (these are probably due to 6 kHz filter asymetry).

1 - check both sidebands
2 - then engage Sync AM and 6 kHz filter!
3 - if LSB is better then shift (down) the frequency by about 2.5 kHz until sync is lost (blinking) then go back ~400 Hz [non-blinking].
4 - if USB is better then shift (up) the frequency by about 3.5 kHz until sync is lost (blinking) then go back ~400 Hz [non-blinking].

what i believe is happening is that half of the signal is being chopped off and leaving just the carrier and 'good' sideband. this can be very helpful as can the detuning by 1.2 kHz... please try the above and tell me if you have any luck. i've been meaning to post this for a while.

> it's still not got a lot of high frequencies which makes
> it sound rather dull.

i have a mod that i believe can fix all this... i've actually made several mods but have been really slow to report them. i'm going to try to crank a few of them out in the next few weeks as pdfs. i will release one tomorrow (hopefully) to get the ball rolling.

regards,
phil :)

2381. Re: [icomr75] Powering-Up Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-08 09:54:22 UTC
From: Simone Meggiato
Topic: 2373 Message: 2381

Hi,

>When not using the radio, I always unplug the power pack from the electrical outlet. I noticed >that at the very instant when the power pack is plugged into the electrical outlet, the light on the >radio's display flickers on for a split second. Has anyone else noticed this phenomenon? This >happens even though the radio was turned off when the electrical plug was removed.

It happens the same here. I think it is absolutely normal; the processor soft-offs the radio circuits with a little delay after the reset.

Saluti,

Simone Meggiato
ICQ: 10073514
HomePage: www.simonemeggiato.it
Online dal 1991

2382. Re: [icomr75] Powering-Up Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-08 16:22:53 UTC
From: Moxie3
Topic: 2373 Message: 2382

Maybe I didn't make myself clear, but the split second light flicker occurs only when the power pack's electrical plug is inserted into the electrical wall outlet, not during the unplug. Is this normal?

George
----- Original Message -----
From: Simone Meggiato
To: icomr75@yahoogroups.com
Sent: Sunday, September 08, 2002 4:54 AM
Subject: Re: [icomr75] Powering-Up Question

Hi,

>When not using the radio, I always unplug the power pack from the electrical outlet. I noticed >that at the very instant when the power pack is plugged into the electrical outlet, the light on the >radio's display flickers on for a split second. Has anyone else noticed this phenomenon? This >happens even though the radio was turned off when the electrical plug was removed.

It happens the same here. I think it is absolutely normal; the processor soft-offs the radio circuits with a little delay after the reset.

Saluti,

Simone Meggiato
ICQ: 10073514
HomePage: www.simonemeggiato.it
Online dal 1991

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[Non-text portions of this message have been removed]

2383. Re: [icomr75] 2003 Passport to World Band Radio for $12.56

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-08 16:26:15 UTC
From: Moxie3
Topic: 2379 Message: 2383

That is a great price as I paid full price for the 2002 issue, $19.95 plus 7% sales tax.
----- Original Message -----
From: payman_a
To: icomr75@yahoogroups.com
Sent: Saturday, September 07, 2002 11:56 PM
Subject: [icomr75] 2003 Passport to World Band Radio for $12.56

(from rec.radio.shortwave, Author <alins@... (Ali N.)>, Message-
ID: <51990af0.0209072046.3cc8201@...>)

buy.com is now taking pre-orders for the 2003 Passport to World Band
Radio for $12.56 with free budget shipping (2-3 weeks). Availibility
is said to be Dec. 2002, but the actual release will probably be in
Oct/Nov. This is cheaper than Universal Radio, Grove, or amazon.com.
Sales tax only in California, Indiana, and Massachusetts.

Type in the ISBN number (0914941836) in the search box and you will
see it, or search for "Passport to World Band Radio".

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[Non-text portions of this message have been removed]

2384. off topic help

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-08 15:31:44 UTC
From: Marv Loopstra
Topic: 2379 Message: 2384

Hi all,
Sort of off topic, sorry:
Do any of you EE types know of a way that I can pack a 470pf capacitor and a 1k resistor into an area .375" dia. and .125 deep?
Marv

2385. Re: [icomr75] off topic help

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-08 16:24:59 UTC
From: Don
Topic: 2379 Message: 2385

You would have to use SMD (Surface Mounted Devices) to accomplish that feat.
--
Don
--
-
CAKE001 CASF024 CA6CYF KHN3161 NAMA471 WA6004SWL
N33d42m W117d59m DM13AQ UTC -7 hrs

2386. cancelling QRN

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-08 18:17:34 UTC
From: Zacharias Liangas
Topic: 2375 Message: 2386

I wonfer if you find any good idea to cancel very strong QRN from nearby machines.

It is abt 4 months since a generator(?) is wiping out all low to medium signals with a S9 level across all bands. That happens with my 16m wigle wire antenna . I neaither know from hewre it comes

If i use two antennas and the MFJ1025 noise cancelling signal enhancer the problem is solved burt i prefer NOT to use two antennas as i need the true signal level to record.

Any ideas?

_____
pen-DX sejak 72 - anggota World-DX-Club 2104,Play DX, dll
PP: R75/HF150/MVT7100/D2935 + 16m/1x1 +
MFJ16010/1040/1025/752c/462
http://www.geocities.com/zliangas/
/trip2k.htm (dlm Bkk,SNG,BAli) /MP3_comp.htm comparison Xing/Fastenc
/napa.htm crash test Napa DAV315 MP3 player

2387. Re: Powering-Up Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-08 18:18:17 UTC
From: craigm55901
Topic: 2373 Message: 2387

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Maybe I didn't make myself clear, but the split second light flicker occurs only when the power pack's electrical plug is inserted into the electrical wall outlet, not during the unplug. Is this normal?
>

Yes, probably. It is certainly nothing to worry about.

Craig

2388. Re: Powering-Up Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-08 21:16:05 UTC
From: jim_hack
Topic: 2373 Message: 2388

Ever since I installed the DSP unit, mine does this when powered up.
I never unplug the power supply from the radio or the wall.

--- In icomr75@y..., "craigm55901" <camenning@c...> wrote:
> --- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> > Maybe I didn't make myself clear, but the split second light
flicker
> occurs only when the power pack's electrical plug is inserted into
the
> electrical wall outlet, not during the unplug. Is this normal?
> >
>
>
> Yes, probably. It is certainly nothing to worry about.
>
> Craig

2389. Re: [icomr75] Re: Powering-Up Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-09 00:50:57 UTC
From: Moxie3
Topic: 2373 Message: 2389

Jim, as a matter of fact, I too have the DSP installed. However, I never noticed whether the radio did the same thing before the DSP was installed. I wonder if anyone has noticed the same issue without the DSP installed.

George
----- Original Message -----
From: jim_hack
To: icomr75@yahoogroups.com
Sent: Sunday, September 08, 2002 4:16 PM
Subject: [icomr75] Re: Powering-Up Question

Ever since I installed the DSP unit, mine does this when powered up.
I never unplug the power supply from the radio or the wall.

--- In icomr75@y..., "craigm55901" <camenning@c...> wrote:
> --- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> > Maybe I didn't make myself clear, but the split second light
flicker
> occurs only when the power pack's electrical plug is inserted into
the
> electrical wall outlet, not during the unplug. Is this normal?
> >
>
>
> Yes, probably. It is certainly nothing to worry about.
>
> Craig

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2390. Re: [icomr75] Re: Powering-Up Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-09 03:51:55 UTC
From: Eric F. Richards
Topic: 2373 Message: 2390

I'm sure you are just seeing an artifiact of a "soft" switch. When you plug the radio in, the microprocessor initializes. Really, nothing to worry about.

At 07:50 PM 9/8/2002 -0500, Moxie3 wrote:
>Jim, as a matter of fact, I too have the DSP installed. However, I never
>noticed whether the radio did the same thing before the DSP was
>installed. I wonder if anyone has noticed the same issue without the DSP
>installed.
>
>George
> ----- Original Message -----
> From: jim_hack
> To: icomr75@yahoogroups.com
> Sent: Sunday, September 08, 2002 4:16 PM
> Subject: [icomr75] Re: Powering-Up Question
>
>
> Ever since I installed the DSP unit, mine does this when powered up.
> I never unplug the power supply from the radio or the wall.
>
>
> --- In icomr75@y..., "craigm55901" <camenning@c...> wrote:
> > --- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> > > Maybe I didn't make myself clear, but the split second light
> flicker
> > occurs only when the power pack's electrical plug is inserted into
> the
> > electrical wall outlet, not during the unplug. Is this normal?
> > >
> >
> >
> > Yes, probably. It is certainly nothing to worry about.
> >
> > Craig
>
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--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2391. Re: [icomr75] Powering-Up Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-09 05:19:04 UTC
From: Dave Ulrick
Topic: 2373 Message: 2391

On Sat, 7 Sep 2002, Moxie3 wrote:

> When not using the radio, I always unplug the power pack from the
> electrical outlet. I noticed that at the very instant when the power
> pack is plugged into the electrical outlet, the light on the radio's
> display flickers on for a split second. Has anyone else noticed this
> phenomenon? This happens even though the radio was turned off when the
> electrical plug was removed.

I'm using a Radio Shack 3 amp/13.8 VDC regulated power supply in place of
the Icom-supplied power pack. I see the same effect when I turn the
switch on the power supply on.

By the way, after turning the power supply off for a couple of weeks, I
found out that the R75's clock had stopped keeping time. The reason:
the clock battery inside the R75 had been drained because the clock had
been running on battery backup. It wasn't very expensive to replace the
battery, but this experience has led me to keep the power supply turned on
except when there's bad weather outside.

> George

Dave
--
==
Dave Ulrick, Systems Programmer E-mail: d-ulrick@...
Northern Illinois University Web: http://www.niu.edu/~ulrick/
DeKalb, IL, USA

2392. Re: [icomr75] Powering-Up Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-09 06:25:12 UTC
From: Todd Gaine
Topic: 2373 Message: 2392

This occurrence is maybe more sinister than it appears.

I often operate my R75 on battery power. When the battery runs flat, the unit switches off. With the current drain stopped, the battery voltage increases, and the R75 turns back on, reducing the battery voltage and turning the R75 off. And so it goes on, in oscillation.

Not good at all for the R75, I'm sure.

I don't have the same problem with my SW77 or RV107 when the battery runs flat with them, they remain off.

There is clearly a problem in the R75 power circuit that makes it respond to power connection when it is off. I hear what sounds like a relay click when I press the power switch, so maybe a capacitor is keeping the relay energised too long? Anyone know how to remedy it?

Todd

----- Original Message -----
From: Moxie3
To: icomr75@yahoogroups.com
Sent: Sunday, September 08, 2002 6:22 PM
Subject: Re: [icomr75] Powering-Up Question

Maybe I didn't make myself clear, but the split second light flicker occurs only when the power pack's electrical plug is inserted into the electrical wall outlet, not during the unplug. Is this normal?

George
----- Original Message -----
From: Simone Meggiato
To: icomr75@yahoogroups.com
Sent: Sunday, September 08, 2002 4:54 AM
Subject: Re: [icomr75] Powering-Up Question

Hi,

>When not using the radio, I always unplug the power pack from the
electrical outlet. I noticed >that at the very instant when the power pack
is plugged into the electrical outlet, the light on the >radio's display
flickers on for a split second. Has anyone else noticed this phenomenon?
This >happens even though the radio was turned off when the electrical plug
was removed.

It happens the same here. I think it is absolutely normal; the processor
soft-offs the radio circuits with a little delay after the reset.

Saluti,

Simone Meggiato
ICQ: 10073514
HomePage: www.simonemeggiato.it
Online dal 1991

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[Non-text portions of this message have been removed]

2393. Re: Powering-Up Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-09 11:22:05 UTC
From: Björn Danielsson
Topic: 2373 Message: 2393

I also have the same thing, and I have the DSP. Did not know how it was before, I got the DSP installed on delivery.

The display does a little flicker and a relay make a little click too.

Bjorn Danielsson, Sweden

_____
Gratis e-mail resten av livet p? www.yahoo.se/mail
Busenkelt!

2394. Antenna Weirdness

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-09 11:34:52 UTC
From: Bill Brady
Topic: 2394 Message: 2394

Howdy Gang,
My R-75 seems to be less sensitive and is noisy compared to my M800.

I have a DX-SWL 60' sloper antenna. I'm not sure if this antenna acts more like a dipole or a longwire. It does have a so259 connector and I am using pl259s and RG59 downlead. I looked in the manual, and it shows a dipole hooked to the ANT1 and a longwire hooked to ANT2. The sloper is hooked to ANT1.

I have a piece of random wire running around the house just below the ceiling. Just for grins I hooked this to the "hot" clip of ANT2. It works better than the sloper! as good as the M800 on the sloper!

SO I am at a loss. I have been thinking of getting a pre-selector anyway: perhaps that'll allow me to use the sloper on the R-75???

Any thoughts?

Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest hour that the most stars come out.

[Non-text portions of this message have been removed]

2395. Passband Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-09 11:49:47 UTC
From: Bill Brady
Topic: 2395 Message: 2395

Hi Gang,

I cannot figure out the dual passband tuning. The manual says "Variable range depends on the filter selection. =- 1.29 kHz in 15 Hz steps and =- 258 kHz in 3 Hz steps are available."

This whole section is gibberish to me.

First, what variable range is covered with what filter(s)?

How can 15 Hz steps over 1.29 kHz be read from the controls? That would be =-86 steps!

Next, why would 258 kHz be divisible by a smaller number, 3 Hz? (8600 steps)??

In any case, the controls seem to have little or no effect.

[Non-text portions of this message have been removed]

2396. Re: Passband Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-09 12:25:45 UTC
From: craigm55901
Topic: 2395 Message: 2396

--- In icomr75@y..., Bill Brady <wmbrady@c...> wrote:
> Hi Gang,
>
> I cannot figure out the dual passband tuning. The manual says "Variable
> range depends on the filter selection. =- 1.29 kHz in 15 Hz steps
and =- 258
> kHz in 3 Hz steps are available."
>
> This whole section is gibberish to me.
>
> First, what variable range is covered with what filter(s)?
>
> How can 15 Hz steps over 1.29 kHz be read from the controls? That
would be
> =-86 steps!
>
> Next, why would 258 kHz be divisible by a smaller number, 3 Hz? (8600
> steps)??
>
> In any case, the controls seem to have little or no effect.
>

It's a typo. Should be 258 Hz for 86 steps.

The range of the pbt is limited and really only appears to be
effective with the narrow filters.

Craig

2397. Re: [icomr75] Re: Passband Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-09 12:43:05 UTC
From: Bill Brady
Topic: 2395 Message: 2397

It's a typo. Should be 258 Hz for 86 steps.

The range of the pbt is limited and really only appears to be
effective with the narrow filters.

Craig

Thanks Craig.
Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest hour
that the most stars come out.

[Non-text portions of this message have been removed]

2398. Re: [icomr75] Antenna Weirdness

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-09 14:06:32 UTC
From: Moxie3
Topic: 2394 Message: 2398

Bill,
How long is the random wire?
George
----- Original Message -----
From: Bill Brady
To: icomr75@yahoogroups.com
Sent: Monday, September 09, 2002 6:34 AM
Subject: [icomr75] Antenna Weirdness

Howdy Gang,
My R-75 seems to be less sensitive and is noisy compared to my M800.

I have a DX-SWL 60' sloper antenna. I'm not sure if this antenna acts more like a dipole or a longwire. It does have a so259 connector and I am using pl259s and RG59 downlead. I looked in the manual, and it shows a dipole hooked to the ANT1 and a longwire hooked to ANT2. The sloper is hooked to ANT1.

I have a piece of random wire running around the house just below the ceiling. Just for grins I hooked this to the "hot" clip of ANT2. It works better than the sloper! as good as the M800 on the sloper!

SO I am at a loss. I have been thinking of getting a pre-selector anyway: perhaps that'll allow me to use the sloper on the R-75???

Any thoughts?

Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest hour that the most stars come out.

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

2399. Re: Antenna Tuners

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-09 13:52:03 UTC
From: njlar
Topic: 1650 Message: 2399

The way to deal with newbies (and oldies) of this sort is simply to
place your bid in the last minute. Requires diligence and discipline,
but it leaves no time to be outbid. (Or re-bid, so you really need to
decide how much you're willing to pay.

--- In icomr75@y..., "radiohighfreq" <rhf-mail@u...> wrote:
>)-: Maybe I should clarify :-(
>
> 1. Some "Newbees" on eBay with a \O^O/
> Want to Win their First Auction on eBay.
>
> 2. If you get in a Bidding War with them You LOOOSE !
> * Frequently the Item is Bid Up TOO High.
> * If the "Newbee" Wins: They Pay the Price.
> * If You Win: Then You Pay Too Much.
> .
> bhbo* ~ RHF
> *Bid High Bid Often !
> Tally Hoo, On to the Next Great Deal!

2400. Re: [icomr75] Antenna Weirdness

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-09 14:32:32 UTC
From: Bill Brady
Topic: 2394 Message: 2400

From: Moxie3 <moxie3@...>
To: icomr75@yahoogroups.com
Subject: Re: [icomr75] Antenna Weirdness
Date: Mon, Sep 9, 2002, 10:06 AM

Bill,
How long is the random wire?
George

Hi George, the wire is about 60' long.

Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest hour that the most stars come out.

[Non-text portions of this message have been removed]

2401. Re: [icomr75] Re: Antenna Tuners

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-09 14:34:03 UTC
From: Bill Brady
Topic: 1650 Message: 2401

Has anyone seen the Velleman HPS5 Personal O-Scope? I need it to scope some audio.

Thanks

Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest hour that the most stars come out.

[Non-text portions of this message have been removed]

2402. Kiwa mod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-09 15:15:22 UTC
From: analogger2001
Topic: 2402 Message: 2402

Hi all,
I'm new to this board so I thought I'd say hello. I also put in the Kiwa mod, and I'm interested to know if anyone has compared the S-AM mods in the files here to the one from Kiwa.

Thanks,
Jim

2403. Re: [icomr75] Passband Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-09 15:49:01 UTC
From: Bruce Jensen
Topic: 2395 Message: 2403

--- Bill Brady <wmbrady@...> wrote:
> Hi Gang,
>
> I cannot figure out the dual passband tuning. The manual says "Variable
> range depends on the filter selection. =- 1.29 kHz in 15 Hz steps and =-
> 258 kHz in 3 Hz steps are available."
>
> This whole section is gibberish to me.
>
> First, what variable range is covered with what filter(s)?
>
> How can 15 Hz steps over 1.29 kHz be read from the controls? That would
> be
> =-86 steps!
>
> Next, why would 258 kHz be divisible by a smaller number, 3 Hz? (8600
> steps)??
>
> In any case, the controls seem to have little or no effect.

On the stock R75, the controls should have significant effect on USB/LSB signals (with their inherently narrow bandwidths) and a far lesser extent on AM, unless the narrow AM range is chosen. Consider that 1.29KHz or even 0.258 kHz is a sizable chunk of the 2.4 kHz bandwidth supplied for SSB, but a much smaller piece of either 6 or 15 kHz that one normally encounters with AM. The R75 was obviously designed with SSB/Utility users in mind as opposed to AM - and this total concept is probably the reason why the R75 is reviled as an AM radio. However, try using the PBT on AM narrow 2.4 kHz - you will certainly hear the type of variation you may expect. If you do this, it is IMO really important to have a good external speaker (which need not be expensive - old PC speakers or one of the $20 range RCA jobs from Radio Shack usually fill the bill).

Rest assured, if the rig is working properly, the dual passband tuning works exactly as it is described, and quite well at that. On pure SSB signals, such as most amateur voice comms, it is a wonderful tool for cleaning up signals in crowded bands. What really improves the operation on AM is Kiwa filter modification, which swaps out the 15khz filter for the existing 6kHz filter (most useful for FM, so it you like FM, don't do it), and adds a 3.8kHz filter in the vacated 6kHz slot which is very responsive to the PBT. Then, the PBT really shines on AM :-)

As far as the steps by which the PBT is adjusted are concerned, don't be too worried about this - in practice, the steps turn out to be smooth-sounding and appropriate, and work well.

Bruce Jensen
****

>
> [Non-text portions of this message have been removed]
>
>
>
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2404. Re: [icomr75] Antenna Weirdness

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-09 15:53:10 UTC
From: Bruce Jensen
Topic: 2394 Message: 2404

Hi - I use an Alpha-Delta DX Ultra, which looks like two slopers strung together as a dipole. It works well on some bands, poorly on others (especially compared to my 65' wire). It has lately been getting weaker - I think, perhaps, due to the little gizmo in the center that supresses static wearing out.

In any case, I think the slope and height and direction of the sloper may be sensitive adjustments - I know the slope on my DX Ultra is critical, and I've found that the greater the slope (up to a point), the better the reception. Even a few degrees makes quite a difference.

Bruce Jensen
****
--- Moxie3 <moxie3@...> wrote:
> Bill,
> How long is the random wire?
> George
> ----- Original Message -----
> From: Bill Brady
> To: icomr75@yahoogroups.com
> Sent: Monday, September 09, 2002 6:34 AM
> Subject: [icomr75] Antenna Weirdness
>
>
> Howdy Gang,
> My R-75 seems to be less sensitive and is noisy compared to my M800.
>
> I have a DX-SWL 60' sloper antenna. I'm not sure if this antenna acts
> more
> like a dipole or a longwire. It does have a so259 connector and I am
> using
> pl259s and RG59 downlead. I looked in the manual, and it shows a
> dipole
> hooked to the ANT1 and a longwire hooked to ANT2. The sloper is hooked
> to
> ANT1.
>
> I have a piece of random wire running around the house just below the
> ceiling. Just for grins I hooked this to the "hot" clip of ANT2. It
> works
> better than the sloper! as good as the M800 on the sloper!
>
> SO I am at a loss. I have been thinking of getting a pre-selector
> anyway:
> perhaps that'll allow me to use the sloper on the R-75???

>
> Any thoughts?
>
> Wm. "Bill" Brady, Harwood MD 38?51'30"N 76?41'00"W - Its in the
> darkest hour
> that the most stars come out.
>
> [Non-text portions of this message have been removed]
>
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>

=====
Cheers,
Bruce Jensen
~~~~~~~~~~~~
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

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http://finance.yahoo.com
~~~~~~~~~~~~

2405. Re: [icomr75] Powering-Up Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-09 16:04:33 UTC
From: efricha@dimensional.com
Topic: 2373 Message: 2405

>
> There is clearly a problem in the R75 power circuit that makes it
> respond to power connection when it is off.

If the power is cycling rapidly, that is a problem. If it goes off, then comes back on in the "off" state, i.e., power off, flicker, off, then it's probably not too bad. Certainly not optimal, but not "the sky is falling" bad.

> I hear what sounds like a relay click when I press the power switch,
> so maybe a capacitor is keeping the relay energised too long?
> Anyone know how to remedy it?

The relay click is unrelated. What you are hearing is a relay for the recorder remote jack on the front panel. If you turn the squelch (!) up so that the radio engages squelch, the relay will release. The idea is that a non-VOX recorder can be paused and un-paused by that squelch.

You can turn off the relay via a setup option. It was one of the first things I did. The R-8500 has the same arrangement and it clatters like an old teletype when scanning a busy memory bank, so turning it off was almost mandatory; when I got the '75, that was the first thing I looked for in the setup options.

Eric

> Todd

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2406. Re: [icomr75] Antenna Weirdness

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-09 17:16:27 UTC
From: Moxie3
Topic: 2394 Message: 2406

Bruce, I asked as I also found my long wire as good or better than a dipole I'm using. I understand that a preselector/tuner would help.

George
----- Original Message -----
From: "Bruce Jensen" <bpnjensen@...>
To: <icomr75@yahoogroups.com>
Sent: Monday, September 09, 2002 10:53 AM
Subject: Re: [icomr75] Antenna Weirdness

> Hi - I use an Alpha-Delta DX Ultra, which looks like two slopers strung
> together as a dipole. It works well on some bands, poorly on others
> (especially compared to my 65' wire). It has lately been getting weaker -
> I think, perhaps, due to the little gizmo in the center that supresses
> static wearing out.
>
> In any case, I think the slope and height and direction of the sloper may
> be sensitive adjustments - I know the slope on my DX Ultra is critical,
> and I've found that the greater the slope (up to a point), the better the
> reception. Even a few degrees makes quite a difference.
>
> Bruce Jensen
> ************
> --- Moxie3 <moxie3@...> wrote:
> > Bill,
> > How long is the random wire?
> > George
> > ----- Original Message -----
> > From: Bill Brady
> > To: icomr75@yahoogroups.com
> > Sent: Monday, September 09, 2002 6:34 AM
> > Subject: [icomr75] Antenna Weirdness
> >
> >
> > Howdy Gang,
> > My R-75 seems to be less sensitive and is noisy compared to my M800.
> >
> > I have a DX-SWL 60' sloper antenna. I'm not sure if this antenna acts
> > more
> > like a dipole or a longwire. It does have a so259 connector and I am
> > using
> > pl259s and RG59 downlead. I looked in the manual, and it shows a
> > dipole
> > hooked to the ANT1 and a longwire hooked to ANT2. The sloper is hooked
> > to

> > ANT1.
> >
> > I have a piece of random wire running around the house just below the
> > ceiling. Just for grins I hooked this to the "hot" clip of ANT2. It
> > works
> > better than the sloper! as good as the M800 on the sloper!
> >
> > SO I am at a loss. I have been thinking of getting a pre-selector
> > anyway:
> > perhaps that'll allow me to use the sloper on the R-75???
> >
> > Any thoughts?
> >
> > Wm. "Bill" Brady, Harwood MD 38?51'30"N 76?41'00"W - Its in the
> > darkest hour
> > that the most stars come out.
> >
> > [Non-text portions of this message have been removed]
> >
> >
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> >
> >
>
>
> =====

> Cheers,
> Bruce Jensen
> ~~~~~~~~~~~~
> The Astronomy Connection http://observers.org/
> Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
> ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio
>
> _____
> Do You Yahoo!?
> Yahoo! Finance - Get real-time stock quotes
> http://finance.yahoo.com
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>
>
>

2407. Re: [icomr75] Passband Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-09 17:17:29 UTC
From: Bill Brady
Topic: 2395 Message: 2407

From: Bruce Jensen <bpnjensen@...>
To: icomr75@yahoogroups.com
Subject: Re: [icomr75] Passband Question
Date: Mon, Sep 9, 2002, 11:49 AM

--- Bill Brady <wmbrady@...> wrote:
> Hi Gang,
>
> I cannot figure out the dual passband tuning. The manual says "Variable
> range depends on the filter selection. =- 1.29 kHz in 15 Hz steps and =-
> 258 kHz in 3 Hz steps are available."
>
> This whole section is gibberish to me.
>
> First, what variable range is covered with what filter(s)?
>
> How can 15 Hz steps over 1.29 kHz be read from the controls? That would
> be
> =-86 steps!
>
> Next, why would 258 kHz be divisible by a smaller number, 3 Hz? (8600
> steps)??
>
> In any case, the controls seem to have little or no effect.

On the stock R75, the controls should have significant effect on USB/LSB signals (with their inherently narrow bandwidths) and a far lesser extent on AM, unless the narrow AM range is chosen. Consider that 1.29KHz or even 0.258 kHz is a sizable chunk of the 2.4 kHz bandwidth supplied for SSB, but a much smaller piece of either 6 or 15 kHz that one normally encounters with AM. The R75 was obviously designed with SSB/Utility users in mind as opposed to AM - and this total concept is probably the reason why the R75 is reviled as an AM radio. However, try using the PBT on AM narrow 2.4 kHz - you will certainly hear the type of variation you may expect. If you do this, it is IMO really important to have a good external speaker (which need not be expensive - old PC speakers or one of the $20 range RCA jobs from Radio Shack usually fill the bill).

Rest assured, if the rig is working properly, the dual passband tuning works exactly as it is described, and quite well at that. On pure SSB signals, such as most amateur voice comms, it is a wonderful tool for cleaning up signals in crowded bands. What really improves the operation on AM is Kiwa filter modification, which swaps out the 15khz filter for the existing 6kHz filter (most useful for FM, so it you like FM, don't do it), and adds a 3.8kHz filter in the vacated 6kHz slot which is very

responsive to the PBT. Then, the PBT really shines on AM :-)

As far as the steps by which the PBT is adjusted are concerned, don't be too worried about this - in practice, the steps turn out to be smooth-sounding and appropriate, and work well.

Bruce Jensen
****

Thanks Bruce. I run the audio from both receiver through a regular Hi-Fi rig.

I'll give it a shot on single sideband stuff. I still have not figured which knob is which sideband and which way is up or down? Just gettin' too old I guess.

Thanks for the poop on the Kiwa mods, I'll pass on that.

Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest hour that the most stars come out.

[Non-text portions of this message have been removed]

2408. Re: Antenna Tuners

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-09 21:42:50 UTC
From: radiohighfreq
Topic: 1650 Message: 2408

Yes, Sometimes that Works ~ RHF
.
- - - In icomr75@y..., "njlar" <nospam4russell@c...> wrote:
> The way to deal with newbies (and oldies) of this sort is simply to
> place your bid in the last minute. Requires diligence and
discipline,
> but it leaves no time to be outbid. (Or re-bid, so you really need
to
> decide how much you're willing to pay.
>
>
> --- In icomr75@y..., "radiohighfreq" <rhf-mail@u...> wrote:
> >)-: Maybe I should clarify :-(
> >
> > 1. Some "Newbees" on eBay with a \O^O/
> > Want to Win their First Auction on eBay.
> >
> > 2. If you get in a Bidding War with them You LOOOSE !
> > * Frequently the Item is Bid Up TOO High.
> > * If the "Newbee" Wins: They Pay the Price.
> > * If You Win: Then You Pay Too Much.
> > .
> > bhbo* ~ RHF
> > *Bid High Bid Often !
> > Tally Hoo, On to the Next Great Deal!

2409. Add a 3 kHz Murata Filter for < $20

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-10 00:53:13 UTC
From: just_rtfm
Topic: 2409 Message: 2409

hi everyone:

i put up a pdf file in my section on adding a 3 kHz 15-element Murata filter for AM. it does not work on SAM or SSB; however, it is pretty nice for MW tuning and listening. it has a mellow sound that is not apparent by its 3 kHz -6 dB spec. this filter addition does NOT require any soldering inside the R75. at the least the pdf shows a way to add other such filters without any soldering. wait for the electronics wizards' input before attempting yourself.

regards,
phil :)

2410. Sherwood SE-3 and issues with the R75 450/455 kHz IF?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-10 04:18:06 UTC
From: broadcast_dx
Topic: 2410 Message: 2410

Is anyone on this list using the Icom R75 with a Sherwood SE-3 outboard synchrous detector? I just found out that there may be a slight issue with the dual 450/455 Khz that I will have to contend with.

UPS is delivering the SE-3 and buffer board tomorrow and perhaps there will be some documentation covering this issue included with the buffer installation instructions. I am curious if anyone the list is familiar with this issue and what I can expect.

73,
Brandon Jordan
Memphis, TN

2411. Re: [icomr75] Powering-Up Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-10 06:32:47 UTC
From: Todd Gaine
Topic: 2373 Message: 2411

>
> There is clearly a problem in the R75 power circuit that makes it
> respond to power connection when it is off.

If the power is cycling rapidly, that is a problem. If it goes off, then comes back on in the "off" state, i.e., power off, flicker, off, then it's probably not too bad. Certainly not optimal, but not "the sky is falling" bad.

Eric, the R75 switches off because the battery voltage has collapsed below 12V. Once the R75 is off (reduced current), the battery voltage recovers. The R75, now off, sees the 12V again and switches on again. The battery voltage drops below 12V and the R75 swicthes off. And so it goes on, and on, and on.

Surely the R75, once off, should remain off. If it is a soft switch, it is not held engaged physically, so there must be something that "holds" it on long enough to still be on when the voltage recovers.

Most electronics fail on switch on or switch off. This must be reducing the units life by a large percentage.

> I hear what sounds like a relay click when I press the power switch,
> so maybe a capacitor is keeping the relay energised too long?
> Anyone know how to remedy it?

The relay click is unrelated. What you are hearing is a relay for the recorder remote jack on the front panel. If you turn the squelch (!) up so that the radio engages squelch, the relay will release. The idea is that a non-VOX recorder can be paused and un-paused by that squelch.

You can turn off the relay via a setup option. It was one of the first things I did. The R-8500 has the same arrangement and it clatters like an old teletype when scanning a busy memory bank, so turning it off was almost mandatory; when I got the '75, that was the first thing I looked for in the setup options.

Eric

> Todd

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

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icomr75-unsubscribe@egroups.com

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[Non-text portions of this message have been removed]

2412. Re: [icomr75] Powering-Up Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-10 09:35:49 UTC
From: Simone Meggiato
Topic: 2373 Message: 2412

>Maybe I didn't make myself clear, but the split second light flicker occurs only when the power >pack's electrical plug is inserted into the electrical wall outlet, not during the unplug. Is this >normal?

Yes it is. When you plug the power supply, the radio and particularly the processor is powered on and reset. After the reset the processor puts the radio in the state it was when the power was disconnected. The delay (due to the reset, startup of the processor's code, reading of the previous status from a non-volatile memory and execution of code to switch radio off) makes the display flicker.

Saluti,

Simone Meggiato
ICQ: 10073514
HomePage: www.simonemeggiato.it
Online dal 1991

2413. Re: Add a 3 kHz Murata Filter for < $20

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-10 12:16:15 UTC
From: gert_nilsson2002
Topic: 2409 Message: 2413

Hi Phil!

Nice modification. However I find the segments of wire from a standard resistor is not wide enough. A small bend will make it fit better. I have tried this filter myself as well as the CFK455I, CFK455J and the CFJ455k8 from the Murata. They all behave very nice in the R75. These filters are optional for the AOR 7030 receiver. Nominal bandwidth is 4, 3 and 1 kHz but in real life they are a little wider. The CFK455J and CFS455J are closer to 4 kHz, perhaps 3,5-3.8 kHz and the CFK455I is about 5,5 kHz wide. The CFJ455K8 in my receiver has abandwidth of about 1,3-1,4 kHz and is nice for listening to NDBs with 1 kHz channel spacing (If you can't afford a CW filter). I bought 2 CFJ455K8 for 200 SKr = 20 US dollars.

I am planning to make a small board with two relays for the optional 455 kHz IF. Just need an extra switch. I will inform you when my modification is ready.

2414. Re: Powering-Up Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-10 17:44:35 UTC
From: LarryR
Topic: 2373 Message: 2414

I don't think the R75 was designed to be used on batteries in this way. If it was, it would have a hysteresis circuit that required a greater recovery in battery voltage before it turns back on. I think it was designed to operate from an AC power supply, or a car where the battery (routinely) does not die.

Besides possibly shortening the life of the receiver, cycling the power rapidly probably also has the potential to corrupt the memory.

--- In icomr75@y..., "Todd Gaine" <atg@k...> wrote:
> This occurrence is maybe more sinister than it appears.
>
> I often operate my R75 on battery power. When the battery runs flat, the unit switches off. With the current drain stopped, the battery voltage increases, and the R75 turns back on, reducing the battery voltage and turning the R75 off. And so it goes on, in oscillation.
>
> Not good at all for the R75, I'm sure.
>
> I don't have the same problem with my SW77 or RV107 when the battery runs flat with them, they remain off.
>
> There is clearly a problem in the R75 power circuit that makes it respond to power connection when it is off. I hear what sounds like a relay click when I press the power switch, so maybe a capacitor is keeping the relay energised too long? Anyone know how to remedy it?
>
> Todd
>
>
>
>
> ----- Original Message -----
> From: Moxie3
> To: icomr75@y...
> Sent: Sunday, September 08, 2002 6:22 PM
> Subject: Re: [icomr75] Powering-Up Question
>
>
> Maybe I didn't make myself clear, but the split second light flicker occurs only when the power pack's electrical plug is inserted into the electrical wall outlet, not during the unplug. Is this normal?
>

> George
> ----- Original Message -----
> From: Simone Meggiato
> To: icomr75@y...
> Sent: Sunday, September 08, 2002 4:54 AM
> Subject: Re: [icomr75] Powering-Up Question
>
>
> Hi,
>
> >When not using the radio, I always unplug the power pack from
the
> electrical outlet. I noticed >that at the very instant when
the power pack
> is plugged into the electrical outlet, the light on the
>radio's display
> flickers on for a split second. Has anyone else noticed this
phenomenon?
> This >happens even though the radio was turned off when the
electrical plug
> was removed.
>
> It happens the same here. I think it is absolutely normal; the
processor
> soft-offs the radio circuits with a little delay after the
reset.
>
> Saluti,
> ---
> Simone Meggiato
> ICQ: 10073514
> HomePage: www.simonemeggiato.it
> Online dal 1991
> ---
>
>
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>
>
> To unsubscribe from this group, send an email to:
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>
>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
>
>

>
> [Non-text portions of this message have been removed]
>
>
> Yahoo! Groups Sponsor
> ADVERTISEMENT
>
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@e...
>
>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
>
>
>
> [Non-text portions of this message have been removed]

2415. Re: Add a 3 kHz Murata Filter for < $20

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-11 04:21:18 UTC
From: just_rtfm
Topic: 2409 Message: 2415

hi Gert!

> Nice modification.

thanks... i should have known you already did it LOL. i like your idea about the relays. if you build it make sure to put up some pics and/or description! i will post a mod this weekend you may find useful for ECSS. i've read all your post on this ng and even some elsewhere... you've helped me out a lot... thanks.

regards,
phil :)

2416. Re: Powering-Up Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-10 19:45:13 UTC
From: Björn Danielsson
Topic: 2373 Message: 2416

Message: 16
Date: Mon, 9 Sep 2002 10:04:33 -0600 (MDT)
From: efricha@...
Subject: Re: Powering-Up Question

***The relay click is unrelated. What you are hearing is a relay for
the recorder remote jack on the front panel. If you turn the squelch (!)
up so that the radio engages squelch, the relay will release. The idea
is that a non-VOX recorder can be paused and un-paused by that squelch.***

The R75 does not have a recorder remote jack on the front panel, it?s on the
back

***You can turn off the relay via a setup option. It was one of the
first things I did. The R-8500 has the same arrangement and it
clatters like an old teletype when scanning a busy memory bank, so
turning it off was almost mandatory; when I got the '75, that was the
first thing I looked for in the setup options.***

Does not help. I have my relay turned off and it is still make a click on
power-up.

I dont think it is a problem. I always unplug the radio when not listening,
and it also make a little pop-sound after a few seconds after I have
unplugged it.

_____
F?lj VM p? n?ra h?ll p? Yahoo!s officielle VM-sajt www.yahoo.se/vm2002
H?ll dig ajour med nyheter och resultat, med vinnare och f?rlorare...

2417. Re: [icomr75] Re: Powering-Up Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-11 14:33:48 UTC
From: efricha@dimensional.com
Topic: 2373 Message: 2417

>
> Message: 16
> Date: Mon, 9 Sep 2002 10:04:33 -0600 (MDT)
> From: efricha@...
> Subject: Re: Powering-Up Question
>
>
>
> ***The relay click is unrelated. What you are hearing is a relay for
> the recorder remote jack on the front panel. If you turn the squelch (!)
> up so that the radio engages squelch, the relay will release. The idea
> is that a non-VOX recorder can be paused and un-paused by that squelch.***
>
> The R75 does not have a recorder remote jack on the front panel, it?s on the
> back
>

Sorry... the R75 is down at the tail end of my receivers of choice
so I don't poke at it much.

>
> ***You can turn off the relay via a setup option. It was one of the
> first things I did. The R-8500 has the same arrangement and it
> clatters like an old teletype when scanning a busy memory bank, so
> turning it off was almost mandatory; when I got the '75, that was the
> first thing I looked for in the setup options.***
>
> Does not help. I have my relay turned off and it is still make a click on
> power-up.
>
> I dont think it is a problem. I always unplug the radio when not listening,
> and it also make a little pop-sound after a few seconds after I have
> unplugged it.
>

Pop... from the speaker? Or a relay click? I don't know what other
relays are in there -- I haven't opened mine in over a year.

One possibility is the antenna switch. Do you use the High-Z tabs on
the back? I don't, and if that's switched by relay, and the default
position is for the low-Z (coaxial) connection, every time you turn it
on that relay would energize.

Eric

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2418. Initial report on R75/SE-3 Synchronous Detector

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-12 00:45:25 UTC
From: Brandon Jordan
Topic: 2418 Message: 2418

I received the SE-3 and buffer board from Sherwood Engineering yesterday evening. The installation of the buffer required removing the main circuit board in the R75 in order to get underneath the board to solder a small coax connection to the 455 kHz IF coil. This coax goes to the input of the buffer and another short coax run was added from the output to a phono plug that I mounted on the rear panel by drilling a 1/4" hole. Two more connections are required to supply 12 vdc for the buffer. The entire process took 2 hours to complete and I would not recommend field installation for anyone who does not have experience working on electronic circuits.

So far, I am very impressed with the results provided by the SE-3. The synch is very quick to achieve lock and rock solid once obtained. Once the synch is locked on the carrier you can slowly detune above and below the frequency to increase audio clarity and frequency response and to reduce interference. On some signals I have been able to detune up to 2 kHz from the carrier and still achieve lock! The audio is just totally superb and I am very pleased with the SE-3.

The only issue with the R75/SE-3 that I can see is pretty minor. It appears that the wide bandwidth mode utilizes a 450 kHz bandwidth whole the normal and narrow modes are at 445 kHz. The SE-3 looses lock when switching from normal/narrow to wide and vice versa. I find this to be an extremely small inconvenience since it takes only one second to reinitiate lock by depressing the lock switch.

I'll be sure and post further observations after I get more hours at the controls under me belt. If anyone has any questions, please feel free to ask. I should have my Palstar R30C back from Sherwood early next week and am really looking forward to the R30/SE-3 combination.

73,
Brandon Jordan - Memphis TN - bjordan@... - http://www.bcdx.org
Icom R75 - Palstar R30C - Sherwood SE-3 - Quantum QX Pro - Wellbrook ALA 330 / K9AY

2419. Initial report on R75/SE-3 Synchronous Detector (correction)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-12 01:02:06 UTC
From: Brandon Jordan
Topic: 2419 Message: 2419

"It appears that the wide bandwidth mode utilizes a 450 kHz bandwidth whole the normal and narrow modes are at 445 kHz."

This should read: It appears that the wide bandwidth mode utilizes a 450 kHz IF while the normal and narrow modes are at 455 kHz IF.

One further observation: The R75 NR/DSP/Notch functions have no effect on the SE-3 audio, although in my opinion the audio from the SE-3 is so impressive that they are not really missed here a notch function would be useful. The PBT function is functional, but when using narrow and medium bandwidths you have to go slow with the controls to not knock the SE-3 off lock.

73,
Brandon Jordan - Memphis TN - bjordan@... - http://www.bcdx.org
Icom R75 - Palstar R30C - Quantum QX Pro - Wellbrook ALA 330 / K9AY

2420. Here's the programming Software for the R75 on CD!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-12 09:30:16 UTC
From: theshopt
Topic: 2420 Message: 2420

It's on EBAY.....

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=2053733021&rd=1

2421. Re: [icomr75] Here's the programming Software for the R75 on CD!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-12 11:45:56 UTC
From: Bob Parnass, AJ9S
Topic: 2420 Message: 2421

You can download tk75 open source, multiplatform software for free
at http://parnass.com (see Sept. 2002 Monitoring Times).

On Thursday 12 September 2002 04:30 am, theshopt wrote:
> It's on EBAY.........
> http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=2053733021&rd=1

--
==
Bob Parnass, AJ9S Linux User http://parnass.com

2422. The installatin was completed.

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-14 02:11:14 UTC
From: manabu662001
Topic: 2422 Message: 2422

Hello,members,

The installation of CR-282 TCXO-opition was completed. Now my R75
gets a ROCK-SOLID stability. The readout error is within few Hz after
short period for warming up.

The following URLs are recent audio files sampled from mobile
operation with IC-R75.
Very good was the Interval Signals of TWR-Swaziland. My daughter,
named Marino was pleased with this IS, she said □gHow beautiful!□h
I was also pleased with her reaction!
Thank you MUCH!
http://mav.nifty.com/ahp/textview.cgi?nodxc+14100+281
http://mav.nifty.com/ahp/textview.cgi?nodxc+14100+276
http://mav.nifty.com/ahp/textview.cgi?nodxc+14100+272
http://mav.nifty.com/ahp/textview.cgi?nodxc+14100+270

Manabu Doi, a SWL in Japan.

P.S.
Do you know someone who has DRAKE R-4245? Or, Do you have R-4245?
I want to know its details.
This receiver is in the league of myth, nobody has never met this
famous receiver among my friends.

2423. Re: [icomr75] Here's the programming Software for the R75 on CD!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-14 11:40:37 UTC
From: Simone Meggiato
Topic: 2420 Message: 2423

> You can download tk75 open source, multiplatform software for free
> at http://parnass.com (see Sept. 2002 Monitoring Times).

Nice software, Bob. I appreciated very much the effort to make available all the R75 functions. But... I'd prefer to have all the commands on one window (the two windows don't fit in my 1024x768 desktop). The second issue is that there is not a bandscope as in RS-R75.

Saluti,

Simone Meggiato
ICQ: 10073514
HomePage: www.simonemeggiato.it
Online dal 1991

2424. Re: [icomr75] Here's the programming Software for the R75 on CD!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-14 14:33:14 UTC
From: Bob Parnass, AJ9S
Topic: 2420 Message: 2424

Simone,

Thanks for the suggestions.
You might try using the View --> Change font option to change
tk75's font to a smaller size. That makes the windows
smaller, too.

73, Bob Parnass

On Saturday 14 September 2002 06:40 am, Simone Meggiato wrote:

> Nice software, Bob. I appreciated very much the effort to make available
> all the R75 functions. But... I'd prefer to have all the commands on one
> window (the two windows don't fit in my 1024x768 desktop). The second issue
> is that there is not a bandscope as in RS-R75.
>
> Saluti,

--
==
Bob Parnass, AJ9S Linux User http://parnass.com

2425. Re: [icomr75] Here's the programming Software for the R75 on CD!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-14 16:08:16 UTC
From: Rik van Riel
Topic: 2420 Message: 2425

On Thu, 12 Sep 2002, Bob Parnass, AJ9S wrote:

> You can download tk75 open source, multiplatform software for free
> at http://parnass.com (see Sept. 2002 Monitoring Times).

Speaking of which, I need to get a serial cable, learn tcl/tk
and add the capability to parse ILG and other database formats ;)

Rik
--
Bravely reimplemented by the knights who say "NIH".

http://www.surriel.com/ http://distro.conectiva.com/

Spamtraps of the month: september@... trac@...

2426. getting rid of strong QRM (reception)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-15 10:19:07 UTC
From: Zacharias Liangas
Topic: 2426 Message: 2426

Dear frinds

During the recent period an unknown local QRM has been established/appeared in my area that produces a very high QRM level of S9+ 10 across all the SW bands in my 16m single wire antenna (a height of 5 m) .
My system is a reception only rig.
This noise seems to be a motor type, as using my receiver□s (R75□) Noise Blanker partially cancels this noise
I made another temporary antenna, a dipole of 2 x 13 m which unfortunately is on very low heights (only 2.5 m!) with cascaded wires of #14 for the first 6 m then 0.1 mm for the remain, with the one side over trees and the other standing over two TV cables .

QRM is still passed through this antenna, although in several bands the level is lower (e.g.
9 MHz) over a lower gain antenna regarding to the 16m wire . It is also nice that I use a MFJ
1025 noise canceller with the dipole as main antenna and the 16m wire as secondary.

MY problem is that using MFJ 1025 is very critical as changing to several kHz all sets change. And noise is not always 100 % cancelled

Does nay other have a better idea for canceling this noise with antenna only configuration or even if there is something I can put in side of the motor? (in case I find its owner)

---
pen-DX sejak 72 - anggota World-DX-Club 2104,Play DX, dll
PP: R75/HF150/MVT7100/D2935 + 16m/1x1 + MFJ16010/1040/1025/752c/462
http://www.geocities.com/zliangas/
/trip2k.htm (dlm Bkk,SNG,BAli) /MP3_comp.htm comparison Xing/Fastenc
/napa.htm crash test Napa DAV315 MP3 player

2427. Re: Local QRM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-16 05:00:40 UTC
From: Leigh Hanlon
Topic: 2427 Message: 2427

Zacharias,

Have you ruled out a power line problem?

I experienced similar across-the-bands interference several years ago that was caused by a cracked ceramic insulator on a power pole in the alley behind my apartment building.

At first, the interference was intermittent. I finally noticed that it was worse during rain or high humidity. One evening while emptying the trash, I hear a faint buzzing sound, looked up and saw a blue arc on the insulator.

A week or so later, the QRM was constant in all weather conditions, and showed up as rolling "shot lines" on VHF television channels.

I telephoned Commonwealth Edison and within a few days, they sent a crew out, took the entire block off line, and fixed the insulator.

I'm not sure if this is what you're experiencing, but it might be worth checking.

Leigh Hanlon
Chicago, USA

2428. Re: getting rid of strong QRM (reception)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-16 16:37:15 UTC
From: analogger2001
Topic: 2426 Message: 2428

Zacharias,
I too have the same problem, although my levels are considerably less. Mine is also from a bad insulator on a power pole on a nearby street. I have been fighting with New York State Electric and Gas for about 2 years now to get it fixed. What I have done that helps is to hang my wire as a terminated grounded loop with the interfering power lines off the side. I also use coax for the lead in wire. Make shure your radio has a good earth ground too!

Hope this helps,
Jim Reed

--- In icomr75@y..., "Zacharias Liangas" <zliangas@c...> wrote:
> Dear frinds
>
> During the recent period an unknown local QRM has been established/appeared in my area
> that produces a very high QRM level of S9+ 10 across all the SW bands in my 16m single
> wire antenna (a height of 5 m) .
> My system is a reception only rig.
> This noise seems to be a motor type, as using my receiver's (R75') Noise Blanker partially
> cancels this noise
> I made another temporary antenna, a dipole of 2 x 13 m which unfortunately is on very low
> heights (only 2.5 m!) with cascaded wires of #14 for the first 6 m then 0.1 mm for the
> remain, with the one side over trees and the other standing over two TV cables .
>
> QRM is still passed through this antenna, although in several bands the level is lower (e.g.
> 9 MHz) over a lower gain antenna regarding to the 16m wire . It is also nice that I use a MFJ
> 1025 noise canceller with the dipole as main antenna and the 16m wire as secondary.
>
> MY problem is that using MFJ 1025 is very critical as changing to several kHz all sets
> change. And noise is not always 100 % cancelled
>
> Does nay other have a better idea for canceling this noise with antenna only configuration
> or even if there is something I can put in side of the motor? (in

case I find its owner)
>
>
> _____
> pen-DX sejak 72 - anggota World-DX-Club 2104,Play DX, dll
> PP: R75/HF150/MVT7100/D2935 + 16m/1x1 +
MFJ16010/1040/1025/752c/462
> http://www.geocities.com/zliangas/
> /trip2k.htm (dlm Bkk,SNG,BAli) /MP3_comp.htm comparison
Xing/Fastenc
> /napa.htm crash test Napa DAV315 MP3 player

2429. Re: getting rid of strong QRM (reception)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-16 19:44:51 UTC
From: R H F
Topic: 2426 Message: 2429

Zacharias,

1. Locating the QRM:
* Can this QRM be heard on a ordinary AM/FM Radio?
* Do you neighbors also have the same problem?
* Try using a portable SW Radio to locate the Source of the Noise.
* Walk a Grid Pattern for a half kilometer square and see is if you
can detect a location where the Noise is higher.

2. Low Noise Antenna Suggestion:
From the Association of North American Radio Clubs (ANARC) website
and Rec.Radio.ShortWave(NG).
Written by John Doty 26 Nov 1993

A Very Simple and Basic Low Noise SWL Antenna
* 50-75 Feet of 18 AWG Insulated Stranded Wire
* Height of Support Points 10-30 Feet.
* Bottom Feed Point for both Ground and Coax.
* Buried the Coax if possible.
* * Inverted "L" Configuration requiring two support points.
* * "Slopper" Configuration requires one support point.

=Quote=
* It doesn't take very much wire to pick up an adequate signal for
anything but the crudest shortwave receiver.
* The Difference between a mediocre antenna system and a great
antenna system isn't the antenna itself: it's the way you feed
signals from the antenna to the receiver.
* The Real Trick with a shortwave receiving antenna system is to
keep your receiver from picking up noise from all the electrical and
electronic gadgets you and your neighbors have.
=Un-Quote=

http://www.anarc.org/naswa/badx/antennas/low-noise_antenna.html

~ RHF

- - - In icomr75@y..., "Zacharias Liangas" <zliangas@c...> wrote:
> Dear frinds
>
> During the recent period an unknown local QRM has been
> established/appeared in my area that produces a very high QRM
> level of S9+ 10 across all the SW bands in my 16m single
> wire antenna (a height of 5 m) .
> My system is a reception only rig.
> This noise seems to be a motor type, as using my receiver's (R75')

2430. Re: Add a 3 kHz Murata Filter for < $20

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-17 04:38:21 UTC
From: payman_a
Topic: 2409 Message: 2430

Phil,

Can this mod be done to a Kiwa modified R75 as well?

Thanks a lot

payman

--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> hi everyone:
>
> i put up a pdf file in my section on adding a 3 kHz 15-element
Murata
> filter for AM. it does not work on SAM or SSB; however, it is
pretty
> nice for MW tuning and listening. it has a mellow sound that is
not
> apparent by its 3 kHz -6 dB spec. this filter addition does NOT
> require any soldering inside the R75. at the least the pdf shows a
> way to add other such filters without any soldering. wait for the
> electronics wizards' input before attempting yourself.
>
> regards,
> phil :)

2431. Re: Add a 3 kHz Murata Filter for < $20

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-17 05:49:59 UTC
From: just_rtfm
Topic: 2409 Message: 2431

hi Payman:

> Can this mod be done to a Kiwa modified R75 as well?

yes... AFAIK Kiwa doesn't use the 455 kHz IF slot. the filter will
only work on AM (not on SAM). maybe more importantly you can use the
method described in the pdf to add any small filter to the unit.

phil :)

2432. 8' or 4' Ground Rod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-17 08:22:19 UTC
From: Bill Brady
Topic: 2426 Message: 2432

Hi gang,
I have both an 8' and a 4' ground rod. I am getting cold feet about driving the 8'. I live on an ancient wave cut terrace (sand dune) and the ground is nearly 100% sand. What do I need to drive the 8' rod? All I have are 1 pound hammers and a 6 pound and an 8 pound maul.

I am worried about getting the 8' rod part way in. Has anyone driven an 8' rod?

2433. Re: 8' or 4' Ground Rod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-17 08:57:33 UTC
From: Jim Hackett
Topic: 2426 Message: 2433

Sounds like a piece of cake! I live in an area that's rock and packed clay. I didn't have any problem driving an 8 foot rod all the way in. I had to take 3 or 4 breaks along the way. In average, I'd say I gained an 1/8" for every smack of a 3 lb. hammer. As long as you keep banging on it, it'll keep going deeper!

--- In icomr75@y..., Bill Brady <wmbrady@c...> wrote:
> Hi gang,
> I have both an 8' and a 4' ground rod. I am getting cold feet about driving
> the 8'. I live on an ancient wave cut terrace (sand dune) and the ground is
> nearly 100% sand. What do I need to drive the 8' rod? All I have are 1 pound
> hammers and a 6 pound and an 8 pound maul.
>
> I am worried about getting the 8' rod part way in. Has anyone driven an 8'
> rod?

2434. Re: [icomr75] Re: 8' or 4' Ground Rod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-17 10:21:59 UTC
From: Bill Brady
Topic: 2426 Message: 2434

From: Jim Hackett <jim_hack@...>
Reply-To: icomr75@yahoogroups.com
Date: Tue, 17 Sep 2002 08:57:33 +0000
To: icomr75@yahoogroups.com
Subject: [icomr75] Re: 8' or 4' Ground Rod

Sounds like a piece of cake! I live in an area that's rock and packed clay. I didn't have any problem driving an 8 foot rod all the way in. I had to take 3 or 4 breaks along the way. In average, I'd say I gained an 1/8" for every smack of a 3 lb. hammer. As long as you keep banging on it, it'll keep going deeper!

Thanks and Thanks! I need encouragement.

[Non-text portions of this message have been removed]

2435. Re: [icomr75] 8' or 4' Ground Rod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-17 11:46:14 UTC
From: Mark J. Fine
Topic: 2426 Message: 2435

From: "Bill Brady" <wmbrady@...>
> I am worried about getting the 8' rod part way in. Has anyone driven an 8'
> rod?

I've got good 'ole Virginia clay and shale, making things hard for an 8'
rod. What I ended up doing was to dig a 3-4' hole a few feet away from the
house first, then drove the rod in the hole at the furthest point from the
house. This way I had no chance of hitting (and possibly cracking) the
footing.

Since I hit pure shale 6' down, this would have left an extra 1' of rod
sticking out. The hole allowed me to zig-zag the rod in place so when the
hole was filled in, it only left about an inch or two sticking out of the
ground and flush against the house. The hole also allowed me to connect the
cable sheild at a point that would be below the surface, making the whole
thing neat and mowable.

73,

Mark J. Fine / mark.fine@...
Remington, Virginia, USA

2436. Re: [icomr75] 8' or 4' Ground Rod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-17 12:50:55 UTC
From: Bill Brady
Topic: 2426 Message: 2436

From: "Mark J. Fine" <mark.fine@...>
Organization: FineWare <http://www.fineware-swl.com>
Reply-To: icomr75@yahoogroups.com
Date: Tue, 17 Sep 2002 07:46:14 -0400
To: icomr75@yahoogroups.com
Subject: Re: [icomr75] 8' or 4' Ground Rod

From: "Bill Brady" <wmbrady@...>
> I am worried about getting the 8' rod part way in. Has anyone driven an 8'
> rod?
... The hole also allowed me to connect the
cable sheild at a point that would be below the surface, making the whole
thing neat and mowable.

73,

Mark J. Fine / mark.fine@...
Remington, Virginia, USA

Thanks Mark,
Did you "seal" the connection? I have some co-ax seal tape left over from my
sloper connection. I was thinking of using that.

[Non-text portions of this message have been removed]

2437. Re: [icomr75] 8' or 4' Ground Rod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-17 13:08:07 UTC
From: Mark J. Fine
Topic: 2426 Message: 2437

From: "Bill Brady" <wmbrady@...>
> Thanks Mark,

np.

> Did you "seal" the connection? I have some co-ax seal tape left over from
my
> sloper connection. I was thinking of using that.

Yeah, forgot to mention that. All I did there was to carefully strip about an inch off the coax jacket to expose the shield. I then used coax sealing tape to initially strap it to the rod, and ensure that the shield and the connection wouldn't be exposed to wet ground. Then I used a small hose clamp to secure the coax to the rod around the sealing tape. I have a tendency to be "Cpt. Overtorque" when I tighten things down, so I checked that I wasn't bulging the tape too much through the clamp.

I like the idea of using the sealing tape because it isolates the clamp and shield/rod from causing any dissimilar metals problems down the road. Since it's all buried, there's no way to check if anything's rotting out down there, unless you start noticing excess noise on your radio. Better safe than sorry.

Also need to mention that if you do this, coax is cheap: make sure you leave about a foot-wide loop of excess coax before the connection and after the connection when you bury it. This gives you some excess, just in case you need to cut some cable and reconnect at some point. It also helps to trench and bury the cable leading to the antenna. It's a lot of digging, but it's worth it in the long run (so to speak).

73,

Mark J. Fine / mark.fine@...
Remington, Virginia, USA

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- Owner/Proprietor, FineWare: http://www.fineware-swl.com
- East Coast Monitor, Monitoring Times: http://www.grove-ent.com
- English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa

2438. Re: [icomr75] Re: Add a 3 kHz Murata Filter for < $20

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-17 15:04:21 UTC
From: Bruce Jensen
Topic: 2409 Message: 2438

After reading the Kiwa website, what they do is remove the 15 kHz 450 filter, put the old 6kHz filter in that slot, and then put the 3.8kHz filter where the 6 was. All 450 kHz filters. The remaining slot, which winds up being a narrow slot, is 455 kHz and available.

Phil's idea is an excell;ent one, BTW, if you are not going to get the Kiwa filter. With the Kiwa mod in place, though, I'm not sure why you'd want to put another filter in for plain AM, unless you are really fussy and want something else in between 3.8 and 6. The complement it has after Kiwa (2.4(9M) - 3.8(450k) - 6(450k)) is just about right.

There is also an available 9MHz slot awaiting your filter :-) I'd like to put in something wider there just for fun, to pep up SSB when the bands are clear.

Bruce Jensen
****

--- just_rtfm <just_rtfm@...> wrote:
> hi Payman:
>
> > Can this mod be done to a Kiwa modified R75 as well?
>
> yes... AFAIK Kiwa doesn't use the 455 kHz IF slot. the filter will
> only work on AM (not on SAM). maybe more importantly you can use the
> method described in the pdf to add any small filter to the unit.
>
> phil :)
>
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
>
>

=====
Cheers,
Bruce Jensen
~~~~~~~~~~~~
~~~~~~~~~~~~

The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

_____
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http://news.yahoo.com

2439. Re: 8' or 4' Ground Rod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-18 15:14:39 UTC
From: LarryR
Topic: 2426 Message: 2439

I have clay soil with rocks, and I was afraid I would hit a rock, but I did not. I think I went about an inch per hit with a 22 ounce (600 g) hammer. Also, if you do get stuck, I believe you will be able to attach a set of vise-grip pliers and easily rotate it and pull it up. Finally, sand is a good insulator because it is basically ground up glass, drains quickly, and is not very acidic, so you *need* as much ground rod in the ground as you can get.

--- In icomr75@y..., Bill Brady <wmbrady@c...> wrote:
> Hi gang,
> I have both an 8' and a 4' ground rod. I am getting cold feet about driving
> the 8'. I live on an ancient wave cut terrace (sand dune) and the ground is
> nearly 100% sand. What do I need to drive the 8' rod? All I have are 1 pound
> hammers and a 6 pound and an 8 pound maul.
>
> I am worried about getting the 8' rod part way in. Has anyone driven an 8'
> rod?

2440. Re: [icomr75] Re: 8' or 4' Ground Rod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-18 15:39:55 UTC
From: Bill Brady
Topic: 2426 Message: 2440

From: LarryR <nospam4russell@...>
Reply-To: icomr75@yahoogroups.com
Date: Wed, 18 Sep 2002 15:14:39 +0000
To: icomr75@yahoogroups.com
Subject: [icomr75] Re: 8' or 4' Ground Rod

...
Finally, sand is a good insulator because it is basically ground up
glass, drains quickly, and is not very acidic, so you *need* as much
ground rod in the ground as you can get.

Hi Larry, thanks for the encouragement. At the moment the 8' rod is lost in the innards of UPS.

I understand what you mean re: sand. My only hope is that there is a fair amount of iron oxide in the sand.

Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest hour that the most stars come out.

[Non-text portions of this message have been removed]

2441. ERGO 4 beta R75 support announced

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-18 21:41:28 UTC
From: Brandon Jordan
Topic: 2441 Message: 2441

Creative Software Express announced today that ERGO 4 Beta now supports the Icom IC-R75. ERGO is a radio control software package that also includes propagation, database management, and other great features. More information can be found at their website at http://www.swldx.com .

2442. Re: 8' or 4' Ground Rod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-18 22:00:35 UTC
From: R H F
Topic: 2426 Message: 2442

8 Ft Ground Rod and Improving Ground Soil Conductivity.

You may wish to look at message # 2309.
* http://groups.yahoo.com/group/icomr75/message/2309

I like the "Idea" of using the 8 Ft Ground Rod and digging a two foot hole first. Use a Post Hole Digger if you can to dig out the hole. Plan to have the Connection (Head of the Ground Rod) just below the surface of the ground and Seal Wrapping the Joint. Plus leaving an extra 2-3 foot loop of ground wire buried under the ground in the hole.

Start the 8 Ft Ground Rod by pounding it in to the ground a foot or two more.

Next Add a Mixture of the following to the bottom of the hole:
* Epsom Salt (Magnesium Sulfate) 4Lb Box
* Blue Vitriol (Copper Sulfate) 1 Lb Box
Some people also like to add in
* Iodized Baking Soda (Sodium Bicarbonate) 1Lb Box
* Baking Soda (Sodium Chloride and Potassium Iodide) 1Lb Box
Helps to Salt the Soil (Ionize) to Improve Ground Soil Conductivity.

Then fill the hole with Clay Kitty Litter. (Sodium Bentonite) up to 4 inches of the surface of the soil. This 'Helps' to Retains moisture in the soil.
Make the Ground Rod and Cable connection and Seal and Wrap the connection.
Place one extra loop (2-3 Feet) of ground cable in the hole.
Top Off the hole with Clay Kitty Litter.

Water the Area very well.

Complete the job of Pounding the Ground Rod into the Ground.

Repeat watering the area every other day for about a week.

~ RHF

- - - In icomr75@y..., "Mark J. Fine" <mark.fine@f...> wrote:
> From: "Bill Brady" <wmbrady@c...>
> > I am worried about getting the 8' rod part way in. Has anyone driven an 8'
> > rod?
>
> I've got good 'ole Virginia clay and shale, making things hard for an 8'

> rod. What I ended up doing was to dig a 3-4' hole a few feet away
from the
> house first, then drove the rod in the hole at the furthest point
from the
> house. This way I had no chance of hitting (and possibly cracking)
the
> footing.
>
> Since I hit pure shale 6' down, this would have left an extra 1' of
rod
> sticking out. The hole allowed me to zig-zag the rod in place so
when the
> hole was filled in, it only left about an inch or two sticking out
of the
> ground and flush against the house. The hole also allowed me to
connect the
> cable sheild at a point that would be below the surface, making the
whole
> thing neat and mowable.
>
> 73,
>
> Mark J. Fine / mark.fine@f...
> Remington, Virginia, USA

2443. Re: Add a 3 kHz Murata Filter for < $20

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-19 02:51:25 UTC
From: just_rtfm
Topic: 2409 Message: 2443

hi Bruce!

thanks for the compliment... this 3 kHz Murata sounds good on AM, better than the -6 dB specs would suggest. i made this mod before i did the Sync and AM AGC (Rado) mods... i agree that someone with the 3.8 kHz filter should pass on my mod. i posted it mainly for those not doing Dr. Rado's mods or wanting to know the mechanics of how to add a filter. don't worry... a mod that you will enjoy is coming.

regards,
phil :)

2444. NEW: ECSS Volume Mod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-19 04:01:57 UTC
From: just_rtfm
Topic: 2444 Message: 2444

hi everyone:

in the file section called Phil's Shack you will now find my ECSS Volume mod. i have also made a minor Cookbook update (changes appear in purple). for those who have not looked: my file section also contains a printable log sheet and R75 wallpaper. one final mod [best saved for last] and a unique 'scan' program is on the way. i am finally getting these mods 'out there'... it's about time. :D

regards,
phil :)

2445. Re: [icomr75] NEW: ECSS Volume Mod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-19 15:45:55 UTC
From: Bruce Jensen
Topic: 2444 Message: 2445

Thanks, thanks, and thanks, Phil - the compendium of information you have created is a wonderful accomplishment.

Bruce Jensen
****
--- just_rtfm <just_rtfm@...> wrote:
> hi everyone:
>
> in the file section called Phil's Shack you will now find my ECSS
> Volume mod. i have also made a minor Cookbook update (changes appear
> in purple). for those who have not looked: my file section also
> contains a printable log sheet and R75 wallpaper. one final mod [best
> saved for last] and a unique 'scan' program is on the way. i am
> finally getting these mods 'out there'... it's about time. :D
>
> regards,
> phil :)
>
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
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>
>
> Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
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>

=====
Cheers,
Bruce Jensen
~~~~~~~~~~~~
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

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New DSL Internet Access from SBC & Yahoo!
http://sbc.yahoo.com
~~~~~~~~~~~~

2446. Re: NEW: ECSS Volume Mod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-19 20:30:48 UTC
From: R H F
Topic: 2444 Message: 2446

Phil - Dittos ~ RHF

- - - In icomr75@y..., Bruce Jensen <bpnjensen@y...> wrote:
> Thanks, thanks, and thanks, Phil - the compendium of information
you have
> created is a wonderful accomplishment.
>
> Bruce Jensen
> ************
> --- just_rtfm <just_rtfm@y...> wrote:
> > hi everyone:
> >
> > in the file section called Phil's Shack you will now find my ECSS
> > Volume mod. i have also made a minor Cookbook update (changes
appear
> > in purple). for those who have not looked: my file section also
> > contains a printable log sheet and R75 wallpaper. one final mod
[best
> > saved for last] and a unique 'scan' program is on the way. i am
> > finally getting these mods 'out there'... it's about time. :D
> >
> > regards,
> > phil :)
> >
> >
> >
> >
> > To unsubscribe from this group, send an email to:
> > icomr75-unsubscribe@e...
> >
> >
> >
> > Your use of Yahoo! Groups is subject to
> > http://docs.yahoo.com/info/terms/
> >
> >
>
>
> =====
> Cheers,
> Bruce Jensen
> ~~~~~~~~~~~~
> The Astronomy Connection http://observers.org/
> Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
> ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

>
> _____
> Do you Yahoo!?
> New DSL Internet Access from SBC & Yahoo!
> http://sbc.yahoo.com

2447. Re: NEW: ECSS Volume Mod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-20 00:21:53 UTC
From: just_rtfm
Topic: 2444 Message: 2447

hi Bruce and RHF:

thank you both for the kind words, they are much appreciated.

regards,
phil :)

2448. IS that same bandwidth for AM and ssb give same audio qualtity?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-21 04:26:34 UTC
From: januaryabc
Topic: 2448 Message: 2448

suppose a 3 khz filter is use on ssb, and a 6 khz filter is use on AM

Will both have the same audio qualtity?

If yes, is that the bandwidth need for ssb is the half of AM?

Thank you

2449. Re: IS that same bandwidth for AM and ssb give same audio qualtity?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-21 05:52:14 UTC
From: just_rtfm
Topic: 2448 Message: 2449

hello:

you're correct that the bandwidth need on SSB is approximately half that of AM. there appears to be practical limits to a SSB filter's size because they must attenuate the other side or flutter will result unless centered perfectly. one of the tricks in my Cookbook uses this fact to aid zero beating for ECSS.

i have done Dr. Rado's AM AGC and Sync-AM mods and i find that the audio quality (baring one-sided interference) is often better [more 'rich' sounding] on AM, probably as a direct result of processing by Motorola's AM Stereo chip on AM. actually there is another trick from the Cookbook i use to 'cut-off' one sided interference while using AM. i also find the AM audio to be louder with weak signals due to the chip's AGC... this prompted me to create the ECSS volume mod i recently released.

phil :)

2450. Re: [icomr75] IS that same bandwidth for AM and ssb give same audio qualtity?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-21 06:05:38 UTC
From: Gert Nilsson
Topic: 2448 Message: 2450

If the filter is perfectly adjusted by the means of the PBT the answer is YES. PBT can be used like some kind of tone control.
----- Original Message -----
From: januaryabc
To: icomr75@yahoogroups.com
Sent: Saturday, September 21, 2002 4:26 AM
Subject: [icomr75] IS that same bandwidth for AM and ssb give same audio qualtity?

suppose a 3 khz filter is use on ssb, and a 6 khz filter is use on AM

Will both have the same audio qualtity?

If yes, is that the bandwidth need for ssb is the half of AM?

Thank you

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[Non-text portions of this message have been removed]

2451. Yaesu FRT-7700

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-23 20:19:53 UTC
From: Moxie3
Topic: 2451 Message: 2451

I was at a ham store this afternoon and noticed a used FRT-7700; he said he wanted $175. Seems like an awful lot of money for a used unit. If anyone is interested, let me know and you can contact him direct. I think I may get a new MFJ tuner for a lot less when I get some extra cash.

George

[Non-text portions of this message have been removed]

2452. Re: Yaesu FRT-7700

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-24 11:21:57 UTC
From: R H F
Topic: 2451 Message: 2452

George,

Modern Shortwave Receiver Survey (DXing.Com)
* The Yaesu FRG-7700 is at tha bottom of the web page has the Basic Information on the FRG-7700.
* The Used Equipment Price Range is $260 to $340.
* It has a Three Star Rating *** (Out of five stars max)
http://www.dxing.com/rx/frg7000.htm

eBay Auction "Completed" Items within the last 30 Days:
* Three FRG-7700s with an Average Closing Price of $220.
* Manuals for the FRG-7700 are available on eBay for ~$15.

IMHO: The FRG-7700 Receiver with the FRT-7700 Antenna Tuner and the FRA-7700 Active Antenna make a "Classic Looking Trio" A Complete SWL Radio Set-Up on a Desk Top. (Circa: Early 1980s)

However, Please Note: All three together do not equal my Icom IC-R75.

~ RHF

- - - In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> I was at a ham store this afternoon and noticed a used FRT-7700; he said he wanted $175. Seems like an awful lot of money for a used unit. If anyone is interested, let me know and you can contact him direct. I think I may get a new MFJ tuner for a lot less when I get some extra cash.
>
> George
>
> [Non-text portions of this message have been removed]

2453. Re: [icomr75] Yaesu FRT-7700

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-24 15:09:58 UTC
From: Paulo Ferreira
Topic: 2451 Message: 2453

>I was at a ham store this afternoon and noticed a used FRT-7700; he said
>he wanted $175. Seems like an awful lot of money for a used unit. If
>anyone is interested, let me know and you can contact him direct. I think
>I may get a new MFJ tuner for a lot less when I get some extra cash.
>
>George
>

Well. It seems a lot of money for an USED antenna SWL tuner.

And I live in Europe where prices are high.
But some time ago there were several on Ebay (Germany)
that were sold for less than 100 Euros (if I can remember well).

If you go to http://www.aade.com/hampedia/prices2.htm1
you can see recent ebay prices and see that
the average final price for an FRT-7700 on Ebay US is $70.00 (USD).

So $175 is a LOT of money, even if you admit that Ebay final prices
are reasonable.

But, instead of the MFJ may I sugest a Mizuho AT2000 ?

119 euros at http://www.thiecom.de/at2000.htm
Or 143 Euros at Waters and Stanton (UK)
http://www.wslpc.com

At W&S they dont say the tuner is a Mizuho.

You can find more info about Mizuho at:
http://www.qsl.net/ku4qd/mizuho/

And the Mizuho KX-QRP tuner might also do a good job
for RX and might be more easy to find in the US.

Greetings
Paulo Ferreira

P.S.: I dont have any experience with the above material,
I have only read a lot of Web pages and postings,
and talked with some Hams, and all agree that MFJ is junk (most of the time).

Paulo Ferreira paf@...

2454. Re: [icomr75] Yaesu FRT-7700

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-24 17:06:02 UTC
From: Moxie3
Topic: 2451 Message: 2454

Paulo,
I was able to see a picture of the Mizuho on the German site but I can't read German. But it looks like a quality tuner; is this tuner good for receiving with the R75 as I wouldn't use it for anything else? Also, I wasn't able to bring up the U.K. site, nor was I able to see locate information on the Mizuho site. Any other info would helpful, thanks.
George

George
>

Well. It seems a lot of money for an USED antenna SWL tuner.

And I live in Europe where prices are high.
But some time ago there were several on Ebay (Germany)
that were sold for less than 100 Euros (if I can remember well).

If you go to http://www.aade.com/hampedia/prices2.htm1
you can see recent ebay prices and see that
the average final price for an FRT-7700 on Ebay US is $70.00 (USD).

So $175 is a LOT of money, even if you admit that Ebay final prices
are reasonable.

But, instead of the MFJ may I sugest a Mizuho AT2000 ?

119 euros at http://www.thiecom.de/at2000.htm
Or 143 Euros at Waters and Stanton (UK)
http://www.wslpc.com

At W&S they dont say the tuner is a Mizuho.

You can find more info about Mizuho at:
http://www.qsl.net/ku4qd/mizuho/

And the Mizuho KX-QRP tuner might also do a good job
for RX and might be more easy to find in the US.

Greetings
Paulo Ferreira

P.S.: I dont have any experience with the above material,
I have only read a lot of Web pages and postings,
and talked with some Hams, and all agree that MFJ is junk (most of the time).

Paulo Ferreira paf@...

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[Non-text portions of this message have been removed]

2455. Re: [icomr75] Yaesu FRT-7700

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-24 17:49:50 UTC
From: Paulo Ferreira
Topic: 2451 Message: 2455

>Paulo,
>I was able to see a picture of the Mizuho on the German site but I can't
>read German. But it looks like a quality tuner; is this tuner good for
>receiving with the R75 as I wouldn't use it for anything else? Also, I
>wasn't able to bring up the U.K. site, nor was I able to see locate
>information on the Mizuho site. Any other info would helpful, thanks.
>George
>
>George
>>

Ok.
Sorry. The UK site should be http://www.wsplc.com/

Now here is the altavista translation into English, because I also dont
speak German:
==========
Description:

So that your receiver and your antenna can co-operate optimally, it can be
often necessary that the antenna is adapted correctly. The global (Mizuho)
AT2000 covers the range from 100 kHz to 30 MHz. The AT2000 has also over a
low-pass filter, as well as " a Q " - switches, which QRM disturbances fade
out can. (nearly) all antenna systems can be adapted. A genuine classical
author!

Plan conclusions

Mass: 150 x 67 x 146 mm

Weight: approx.. 300 g

Characteristics:

" Q - switches against disturbances ", low-pass filters

==========

More Info:

(Older) Mizuho kx-2 tuner review:
http://www.eham.net/reviews/detail/2692

Mizuho KX-QRP (TX low power)tuner review:
http://www.eham.net/reviews/detail/2001

And about tuners a good article is:

Filter, Attenuator, Preamplifier, Preselector --- or Barefoot?
http://www.dxing.com/tnotes/tnote07.pdf

By Joe Carr

Part of:
http://www.dxing.com/tnotes

Greetings
Paulo

Paulo Ferreira paf@...

2456. Re: Yaesu FRT-7700

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-24 22:45:44 UTC
From: R H F
Topic: 2451 Message: 2456

George,

Sorry, when I read the $175 price, I 'assumed' your were taking about the "FRG" 7700 not the FRT-7700. The FRT-7700 has gone from $40 to $100 on eBay with $65-80 being the average price.

The FRT-7700 has both extra filtering for MW and SW. I have two of them. Use one with my Kenwood R-5000 and the other sits on a deck top with my FRG-7700 and FRA-7700. The FRT-7700 has two antenna inputs (SO-239 & Snap Terminals) and two antenna outputs BC(MW) and SW. I prefer the FRT-7700 to several MFJ Products that I have used.

I hope to have a Palstar MW550P soon.

~ RHF

- - - In icomr75@y..., "R H F" <rhf-mail@u...> wrote:
> George,
>
> Modern Shortwave Receiver Survey (DXing.Com)
> * The Yaesu FRG-7700 is at tha bottom of the web page has the Basic
> Information on the FRG-7700.
> * The Used Equipment Price Range is $260 to $340.
> * It has a Three Star Rating *** (Out of five stars max)
> http://www.dxing.com/rx/frg7000.htm
>
> eBay Auction "Completed" Items within the last 30 Days:
> * Three FRG-7700s with an Average Closing Price of $220.
> * Manuals for the FRG-7700 are available on eBay for ~$15.
>
> IMHO: The FRG-7700 Receiver with the FRT-7700 Antenna Tuner and the
> FRA-7700 Active Antenna make a "Classic Looking Trio" A Complete SWL
> Radio Set-Up on a Desk Top. (Circa: Early 1980s)
>
> However, Please Note: All three together do not equal my Icom IC-R75.
>
> ~ RHF
>
> - - - In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> > I was at a ham store this afternoon and noticed a used FRT-7700; he
> said he wanted $175. Seems like an awful lot of money for a used

> unit. If anyone is interested, let me know and you can contact him
> direct. I think I may get a new MFJ tuner for a lot less when I
get
> some extra cash.
> >
> > George
> >
> > [Non-text portions of this message have been removed]

2457. Re: [icomr75] Yaesu FRT-7700

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-25 14:35:23 UTC
From: Moxie3
Topic: 2451 Message: 2457

Paulo,
I contacted wsplc and they informed me that they carry some Mizuho products but not the AT2000. I am still awaiting a response from the German company. Are you aware of anyone else who carries the Mizuho AT2000?
George

Ok.
Sorry. The UK site should be http://www.wsplc.com/

Now here is the altavista translation into English, because I also dont speak German:
==========
Description:

So that your receiver and your antenna can co-operate optimally, it can be often necessary that the antenna is adapted correctly. The global (Mizuho) AT2000 covers the range from 100 kHz to 30 MHz. The AT2000 has also over a low-pass filter, as well as " a Q " - switches, which QRM disturbances fade out can. (nearly) all antenna systems can be adapted. A genuine classical author!

Plan conclusions

Mass: 150 x 67 x 146 mm

Weight: approx.. 300 g

Characteristics:

" Q - switches against disturbances ", low-pass filters

==========

More Info:

(Older) Mizuho kx-2 tuner review:
http://www.eham.net/reviews/detail/2692

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And about tuners a good article is:

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Greetings
Paulo

Paulo Ferreira paf@...

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[Non-text portions of this message have been removed]

2458. Re: [icomr75] Yaesu FRT-7700

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-25 15:56:50 UTC
From: Paulo Ferreira
Topic: 2451 Message: 2458

>Paulo,
>I contacted wsplc and they informed me that they carry some Mizuho
>products but not the AT2000. I am still awaiting a response from the
>German company. Are you aware of anyone else who carries the Mizuho
>AT2000?
>George

No.

But the picture of the "AT-2000 GLOBAL receiver ATU" that WSPLC
carries and has on their web site:

Under Products -> antenna tuner units ->receiver ATUs

Looks like the Mizuho At-2000 picture at thiecom, and has the same buttons,
size and weight. So I presume that it is a Mizuho on diguise.

Thiecom refers to the tuner as a "Global (Mizuho)" tuner.

But wait there are two shops on England that have "GLOBAL"
At-2000 atu for sale used:

http://www.radioworld.co.uk/used9s.htm

http://www.jayceecoms.com/used_equipment.htm

Greetings

Paulo

P.S.: Some R75 content: Here the R75 is "cheap" at $885.00 USD,
compared to the $831.00 USD of the FRG-100 or
the $1071.00 of the VR-5000.

Paulo Ferreira paf@...

2459. Re: [icomr75] Yaesu FRT-7700

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-25 16:46:10 UTC
From: Moxie3
Topic: 2451 Message: 2459

Paulo, thanks for the info. I'll keep trying. The last time I checked, the R75 sold for $550 which includes shipping to the States; the lowest price I saw was $500 but I missed that price by 1 week. George
----- Original Message -----
From: Paulo Ferreira
To: icomr75@yahoogroups.com
Sent: Wednesday, September 25, 2002 10:56 AM
Subject: Re: [icomr75] Yaesu FRT-7700

>Paulo,
>I contacted wsplc and they informed me that they carry some Mizuho
>products but not the AT2000. I am still awaiting a response from the
>German company. Are you aware of anyone else who carries the Mizuho
>AT2000?
>George

No.

But the picture of the "AT-2000 GLOBAL receiver ATU" that WSPLC
carries and has on their web site:

Under Products -> antenna tuner units ->receiver ATUs

Looks like the Mizuho At-2000 picture at thiecom, and has the same buttons,
size and weight. So I presume that it is a Mizuho on diguise.

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But wait there are two shops on England that have "GLOBAL"
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http://www.jayceecoms.com/used_equipment.htm

Greetings

Paulo

P.S.: Some R75 content: Here the R75 is "cheap" at $885.00 USD,
compared to the $831.00 USD of the FRG-100 or
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Paulo Ferreira paf@...

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[Non-text portions of this message have been removed]

2460. Re: Yaesu FRT-7700

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-25 17:10:49 UTC
From: rsakabu
Topic: 2451 Message: 2460

>
> P.S.: Some R75 content: Here the R75 is "cheap" at $885.00 USD,
> compared to the $831.00 USD of the FRG-100 or
> the $1071.00 of the VR-5000.
>
>

Wow, I guess we have it lucky here. The R-75 is about $500-600 new or used (which tells you how good they really are). The FRG-100 is about $300 used (I got one used for about $270, but sold it soon after, it's not in the same league as the R-75) and the $700 VR-5000 is not really an HF receiver, it's one of the DC to daylight receivers that doesn't do anything great, just a lot of things pretty good.

2461. Mizuho

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-25 19:11:46 UTC
From: Moxie3
Topic: 2461 Message: 2461

Paulo,
Thanks for everything. I ordered the Mizuho AT2000 via Thiecom, at least I think I did. With all the German interspersed I believe I understood what they were asking.

George

[Non-text portions of this message have been removed]

2462. Re: Mizuho

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-26 00:35:26 UTC
From: payman_a
Topic: 2461 Message: 2462

George,

Can you please give us a review of the tuner when you get it?

Many thanks
payman

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Paulo,
> Thanks for everything. I ordered the Mizuho AT2000 via Thiecom,
at least I think I did. With all the German interspersed I believe
I understood what they were asking.
>
> George
>
> [Non-text portions of this message have been removed]

2463. Re: [icomr75] Re: Mizuho

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-26 01:59:22 UTC
From: Moxie3
Topic: 2461 Message: 2463

Sure will do, but I don't have anything to compare it to.
George

----- Original Message -----
From: payman_a
To: icomr75@yahoogroups.com
Sent: Wednesday, September 25, 2002 7:35 PM
Subject: [icomr75] Re: Mizuho

George,

Can you please give us a review of the tuner when you get it?

Many thanks
payman

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Paulo,
> Thanks for everything. I ordered the Mizuho AT2000 via Thiecom,
at least I think I did. With all the German interspersed I believe
I understood what they were asking.
>
> George
>
> [Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

2464. ISO: Spectrum Analysis software for the R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-26 19:21:47 UTC
From: Brandon Jordan
Topic: 2464 Message: 2464

I am looking for a software application for the R75 that has a spectrum analysis funtion similar to the one implented in the NRD.exe software for the JRC NRD-535 receiver. So far I have been unable to find a application that handles this procedure in the same method.

In the NRD.exe software, during each sweep the program took a configurable number of readings at each frequency step and plotted them on a graph much like the current applications that I have seen. The difference was that instead of plotting a new graph on each subsequent sweep, it would actually take the new signal readings and average them with the readings from the previous sweeps. This made it possible to watch for weak and fading signals that were barely above the noise floor that could easily be missed with software that plotts a fresh graph each sweep. For example, this method was particularly useful for monitoring the tropical bands and viewing the African carriers rising above the noise floor in the late afternoon. New or unique carriers were easily discernable after becoming familiar with the bandsweeps.

Is anyone aware of any software available for the R75 which handles the spectrum analysis routine in this manner?

73,
Brandon Jordan - Memphis TN - bjordan@... - http://www.bcdx.org
Receivers - Icom IC-R75 - Palstar R30C - Sherwood SE-3
Antennas - Quantum QX Pro - Wellbrook ALA 330 / K9AY
Radio Pennant Gallery: http://www.bcdx.org/pennants

2465. Re: ISO: Spectrum Analysis software for the R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-27 03:17:12 UTC
From: just_rtfm
Topic: 2464 Message: 2465

hi Brandon:

i am beta testing a program which is a type of spectrum analyzer for the R75. my program processes sound card input and can detect AM signals so faint that you may have to listen for a while to realize they are there. as i am unfamiliar with NRD.EXE, please e-mail me at just_rtfm at yahoo dot com. i am curious what specific frequencies you are scanning and how you used that program. thank you.

as not to tick anyone off in the Palstar group for being off-topic: you may want to do these mods before you compare AM: Dr. Rado's AM sync & AM AGC fix plus Pete's 0.07 uV MDS MW mod... i also have a mod coming soon that will further enhance the R75's AM audio.

phil :)

2466. Mizuho AT-2000

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-29 14:14:43 UTC
From: Moxie3
Topic: 2466 Message: 2466

Paulo, do you know when Mizuho started making the AT-2000? Although I can order a new unit from the German company, a money transfer costs $40 so I'm trying to locate a different source. One company said that they are not made anymore, is this true? Also, do you actually own one? Thanks,
George

[Non-text portions of this message have been removed]

2467. Re: [icomr75] Mizuho AT-2000

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-29 14:10:52 UTC
From: David Ross
Topic: 2466 Message: 2467

Hello

The Global AT-2000 ATU is available new at

http://www.nevada.co.uk/acatalog/Online_Catalogue_Global_ATU_s_532.html

A close up and inner workings are visible at

http://www.jjdcom.com/Global-AT2000.htm

David

On 9/29/02 10:14 AM, "Moxie3" <moxie3@...> wrote:

> Paulo, do you know when Mizuho started making the AT-2000? Although I can
> order a new unit from the German company, a money transfer costs $40 so I'm
> trying to locate a different source. One company said that they are not made
> anymore, is this true? Also, do you actually own one? Thanks,
> George
>
> [Non-text portions of this message have been removed]
>
>
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>
>

2468. Re: [icomr75] Mizuho AT-2000

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-29 15:44:27 UTC
From: Moxie3
Topic: 2466 Message: 2468

David,
Thanks for the info. I saw a picture of the Global on the http://www.WSPLC.com/ (look under "products", then "antenna tuner units", then "receiver ATUs") site and the frame of the Global appeared different than the Mizuho shown on the German site http://www.thiecom.de/at2000.htm What do you think?
George
----- Original Message -----
From: David Ross
To: icomr75@yahoogroups.com
Sent: Sunday, September 29, 2002 9:10 AM
Subject: Re: [icomr75] Mizuho AT-2000

Hello

The Global AT-2000 ATU is available new at

http://www.nevada.co.uk/acatalog/Online_Catalogue_Global_ATU_s_532.html

A close up and inner workings are visible at

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David

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> order a new unit from the German company, a money transfer costs $40 so I'm
> trying to locate a different source. One company said that they are not made
> anymore, is this true? Also, do you actually own one? Thanks,
> George
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> [Non-text portions of this message have been removed]
>
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[Non-text portions of this message have been removed]

2469. Re: [icomr75] Mizuho AT-2000

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-29 14:50:23 UTC
From: David Ross
Topic: 2466 Message: 2469

Hello George

I have the Global Coupler AT-2000 and it appears identical to the Mizuho per the url you suggested. On the back of the AT-2000 there is a small sticker "Made in Japan for Waters and Stanton Electronics". Most likely made by Mizuho with a different label of "Coupler AT-2000" on the front.

This atu really works from below the mw band right on up to 30 MHz.

David

On 9/29/02 11:44 AM, "Moxie3" <moxie3@...> wrote:

> David,
> Thanks for the info. I saw a picture of the Global on the
> http://www.WSPLC.com/ (look under "products", then "antenna tuner units",
> then "receiver ATUs") site and the frame of the Global appeared different than
> the Mizuho shown on the German site http://www.thiecom.de/at2000.htm What do
> you think?
> George
> ----- Original Message -----
> From: David Ross
> To: icomr75@yahoogroups.com
> Sent: Sunday, September 29, 2002 9:10 AM
> Subject: Re: [icomr75] Mizuho AT-2000
>
>
> Hello
>
> The Global AT-2000 ATU is available new at
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> A close up and inner workings are visible at
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> David
>
> On 9/29/02 10:14 AM, "Moxie3" <moxie3@...> wrote:
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>> trying to locate a different source. One company said that they are not made
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>>
>> [Non-text portions of this message have been removed]
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>
>

2470. Re: [icomr75] Mizuho AT-2000

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-29 15:59:21 UTC
From: Moxie3
Topic: 2466 Message: 2470

David,
What is the color your frame? The Global appears tan on the top and sides with a separate darker colored front while the Mizuho seems a gray color front, top & sides.
George
----- Original Message -----
From: David Ross
To: icomr75@yahoogroups.com
Sent: Sunday, September 29, 2002 9:50 AM
Subject: Re: [icomr75] Mizuho AT-2000

Hello George

I have the Global Coupler AT-2000 and it appears identical to the Mizuho per the url you suggested. On the back of the AT-2000 there is a small sticker "Made in Japan for Waters and Stanton Electronics". Most likely made by Mizuho with a different label of "Coupler AT-2000" on the front.

This atu really works from below the mw band right on up to 30 MHz.

David

On 9/29/02 11:44 AM, "Moxie3" <moxie3@...> wrote:

> David,
> Thanks for the info. I saw a picture of the Global on the
> http://www.WSPLC.com/ (look under "products", then "antenna tuner units",
> then "receiver ATUs") site and the frame of the Global appeared different than
> the Mizuho shown on the German site http://www.thiecom.de/at2000.htm What do
> you think?
> George
> ----- Original Message -----
> From: David Ross
> To: icomr75@yahoogroups.com
> Sent: Sunday, September 29, 2002 9:10 AM
> Subject: Re: [icomr75] Mizuho AT-2000
>
>
> Hello
>
> The Global AT-2000 ATU is available new at
>
> http://www.nevada.co.uk/acatalog/Online_Catalogue_Global_ATU_s_532.html
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> A close up and inner workings are visible at
>
> http://www.jjdcom.com/Global-AT2000.htm

>
> David
>
> On 9/29/02 10:14 AM, "Moxie3" <moxie3@...> wrote:
>
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>> order a new unit from the German company, a money transfer costs $40 so I'm
>> trying to locate a different source. One company said that they are not made
>> anymore, is this true? Also, do you actually own one? Thanks,
>> George
>>
>> [Non-text portions of this message have been removed]
>>
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[Non-text portions of this message have been removed]

2471. Re: [icomr75] Mizuho AT-2000

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-29 15:02:26 UTC
From: David Ross
Topic: 2466 Message: 2471

Hello George

The Global Coupler AT-2000 has a grey cabinet with a dark grey front panel
with tan lettering.

David

On 9/29/02 11:59 AM, "Moxie3" <moxie3@...> wrote:

> David,
> What is the color your frame? The Global appears tan on the top and sides
> with a separate darker colored front while the Mizuho seems a gray color
> front, top & sides.
> George
> ----- Original Message -----
> From: David Ross
> To: icomr75@yahoogroups.com
> Sent: Sunday, September 29, 2002 9:50 AM
> Subject: Re: [icomr75] Mizuho AT-2000
>
>
> Hello George
>
> I have the Global Coupler AT-2000 and it appears identical to the Mizuho per
> the url you suggested. On the back of the AT-2000 there is a small sticker
> "Made in Japan for Waters and Stanton Electronics". Most likely made by
> Mizuho with a different label of "Coupler AT-2000" on the front.
>
> This atu really works from below the mw band right on up to 30 MHz.
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> David
>
> On 9/29/02 11:44 AM, "Moxie3" <moxie3@...> wrote:
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>> David,
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>> From: David Ross
>> To: icomr75@yahoogroups.com
>> Sent: Sunday, September 29, 2002 9:10 AM

>> Subject: Re: [icomr75] Mizuho AT-2000
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>> Hello
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>>
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>>
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>
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>
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>
> [Non-text portions of this message have been removed]
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2472. Re: [icomr75] Mizuho AT-2000

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-29 16:12:38 UTC
From: Moxie3
Topic: 2466 Message: 2472

Hi again,
David, that German site shows a frame that is entirely dark grey, front top & sides. Also, it looks as if the Mizuho is a 1 piece frame consisting of the front, top & sides, while the Global seems like it is 2 pieces, a separate front panel and the top & sides being the other piece. Is this what you see or am I not seeing something? I hope you don't mind me asking as I know I'm splitting hairs here but I'm curious.
George
----- Original Message -----
From: David Ross
To: icomr75@yahoogroups.com
Sent: Sunday, September 29, 2002 10:02 AM
Subject: Re: [icomr75] Mizuho AT-2000

Hello George

The Global Coupler AT-2000 has a grey cabinet with a dark grey front panel
with tan lettering.

David

On 9/29/02 11:59 AM, "Moxie3" <moxie3@...> wrote:

> David,
> What is the color your frame? The Global appears tan on the top and sides
> with a separate darker colored front while the Mizuho seems a gray color
> front, top & sides.
> George
> ----- Original Message -----
> From: David Ross
> To: icomr75@yahoogroups.com
> Sent: Sunday, September 29, 2002 9:50 AM
> Subject: Re: [icomr75] Mizuho AT-2000
>
>
> Hello George
>
> I have the Global Coupler AT-2000 and it appears identical to the Mizuho per
> the url you suggested. On the back of the AT-2000 there is a small sticker
> "Made in Japan for Waters and Stanton Electronics". Most likely made by
> Mizuho with a different label of "Coupler AT-2000" on the front.
>
> This atu really works from below the mw band right on up to 30 MHz.
>
> David
>
> On 9/29/02 11:44 AM, "Moxie3" <moxie3@...> wrote:

>
>> David,
>> Thanks for the info. I saw a picture of the Global on the
>> http://www.WSPLC.com/ (look under "products", then "antenna tuner units",
>> then "receiver ATUs") site and the frame of the Global appeared different
>> than
>> the Mizuho shown on the German site http://www.thiecom.de/at2000.htm What do
>> you think?
>> George
>> ----- Original Message -----
>> From: David Ross
>> To: icomr75@yahoogroups.com
>> Sent: Sunday, September 29, 2002 9:10 AM
>> Subject: Re: [icomr75] Mizuho AT-2000
>>
>>
>> Hello
>>
>> The Global AT-2000 ATU is available new at
>>
>> http://www.nevada.co.uk/acatalog/Online_Catalogue_Global_ATU_s_532.html
>>
>> A close up and inner workings are visible at
>>
>> http://www.jjdcom.com/Global-AT2000.htm
>>
>> David
>>
>> On 9/29/02 10:14 AM, "Moxie3" <moxie3@...> wrote:
>>
>>> Paulo, do you know when Mizuho started making the AT-2000? Although I can
>>> order a new unit from the German company, a money transfer costs $40 so I'm
>>> trying to locate a different source. One company said that they are not
>>> made
>>> anymore, is this true? Also, do you actually own one? Thanks,
>>> George
>>>
>>> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

2473. Re: [icomr75] Mizuho AT-2000

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-29 15:34:30 UTC
From: David Ross
Topic: 2466 Message: 2473

Hello George

I see the same as you. W&S shows a dark grey front panel with a tan case and the German page shows a dark grey front panel with a lighter grey case. Both urls show 2 screws on each side at the bottom that fasten the outer case to the chassis.

David

On 9/29/02 12:12 PM, "Moxie3" <moxie3@...> wrote:

> Hi again,
> David, that German site shows a frame that is entirely dark grey, front top &
> sides. Also, it looks as if the Mizuho is a 1 piece frame consisting of the
> front, top & sides, while the Global seems like it is 2 pieces, a separate
> front panel and the top & sides being the other piece. Is this what you see
> or am I not seeing something? I hope you don't mind me asking as I know I'm
> splitting hairs here but I'm curious.
> George
> ----- Original Message -----
> From: David Ross
> To: icomr75@yahoogroups.com
> Sent: Sunday, September 29, 2002 10:02 AM
> Subject: Re: [icomr75] Mizuho AT-2000
>
>
> Hello George
>
> The Global Coupler AT-2000 has a grey cabinet with a dark grey front panel
> with tan lettering.
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> David
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> On 9/29/02 11:59 AM, "Moxie3" <moxie3@...> wrote:
>
>> David,
>> What is the color your frame? The Global appears tan on the top and sides
>> with a separate darker colored front while the Mizuho seems a gray color
>> front, top & sides.
>> George
>> ----- Original Message -----
>> From: David Ross
>> To: icomr75@yahoogroups.com
>> Sent: Sunday, September 29, 2002 9:50 AM
>> Subject: Re: [icomr75] Mizuho AT-2000
>>

>>
>> Hello George
>>
>> I have the Global Coupler AT-2000 and it appears identical to the Mizuho per
>> the url you suggested. On the back of the AT-2000 there is a small sticker
>> "Made in Japan for Waters and Stanton Electronics". Most likely made by
>> Mizuho with a different label of "Coupler AT-2000" on the front.
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>> This atu really works from below the mw band right on up to 30 MHz.
>>
>> David
>>
>> On 9/29/02 11:44 AM, "Moxie3" <moxie3@...> wrote:
>>
>>> David,
>>> Thanks for the info. I saw a picture of the Global on the
>>> http://www.WSPLC.com/ (look under "products", then "antenna tuner units",
>>> then "receiver ATUs") site and the frame of the Global appeared different
>>> than
>>> the Mizuho shown on the German site http://www.thiecom.de/at2000.htm What do
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>>> ----- Original Message -----
>>> From: David Ross
>>> To: icomr75@yahoogroups.com
>>> Sent: Sunday, September 29, 2002 9:10 AM
>>> Subject: Re: [icomr75] Mizuho AT-2000
>>>
>>>
>>> Hello
>>>
>>> The Global AT-2000 ATU is available new at
>>>
>>> http://www.nevada.co.uk/acatalog/Online_Catalogue_Global_ATU_s_532.html
>>>
>>> A close up and inner workings are visible at
>>>
>>> http://www.jjdcom.com/Global-AT2000.htm
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>>> David
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>>> On 9/29/02 10:14 AM, "Moxie3" <moxie3@...> wrote:
>>>
>>>> Paulo, do you know when Mizuho started making the AT-2000? Although I can
>>>> order a new unit from the German company, a money transfer costs $40 so I'm
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>>>> made
>>>> anymore, is this true? Also, do you actually own one? Thanks,
>>>> George
>>>>

>>>> [Non-text portions of this message have been removed]
>>>>
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>

2474. Re: [icomr75] Mizuho AT-2000

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-29 16:48:24 UTC
From: Moxie3
Topic: 2466 Message: 2474

David,
Is your instruction manual in English?
George
----- Original Message -----
From: David Ross
To: icomr75@yahoogroups.com
Sent: Sunday, September 29, 2002 10:34 AM
Subject: Re: [icomr75] Mizuho AT-2000

Hello George

I see the same as you. W&S shows a dark grey front panel with a tan case and
the German page shows a dark grey front panel with a lighter grey case. Both
urls show 2 screws on each side at the bottom that fasten the outer case to
the chassis.

David

On 9/29/02 12:12 PM, "Moxie3" <moxie3@...> wrote:

> Hi again,
> David, that German site shows a frame that is entirely dark grey, front top &
> sides. Also, it looks as if the Mizuho is a 1 piece frame consisting of the
> front, top & sides, while the Global seems like it is 2 pieces, a separate
> front panel and the top & sides being the other piece. Is this what you see
> or am I not seeing something? I hope you don't mind me asking as I know I'm
> splitting hairs here but I'm curious.
> George
> ----- Original Message -----
> From: David Ross
> To: icomr75@yahoogroups.com
> Sent: Sunday, September 29, 2002 10:02 AM
> Subject: Re: [icomr75] Mizuho AT-2000
>
>
> Hello George
>
> The Global Coupler AT-2000 has a grey cabinet with a dark grey front panel
> with tan lettering.
>
> David
>
> On 9/29/02 11:59 AM, "Moxie3" <moxie3@...> wrote:
>
>> David,
>> What is the color your frame? The Global appears tan on the top and sides

>> with a separate darker colored front while the Mizuho seems a gray color
>> front, top & sides.
>> George
>> ----- Original Message -----
>> From: David Ross
>> To: icomr75@yahoogroups.com
>> Sent: Sunday, September 29, 2002 9:50 AM
>> Subject: Re: [icomr75] Mizuho AT-2000
>>
>>
>> Hello George
>>
>> I have the Global Coupler AT-2000 and it appears identical to the Mizuho per
>> the url you suggested. On the back of the AT-2000 there is a small sticker
>> "Made in Japan for Waters and Stanton Electronics". Most likely made by
>> Mizuho with a different label of "Coupler AT-2000" on the front.
>>
>> This atu really works from below the mw band right on up to 30 MHz.
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>> David
>>
>> On 9/29/02 11:44 AM, "Moxie3" <moxie3@...> wrote:
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>>> http://www.WSPLC.com/ (look under "products", then "antenna tuner units",
>>> then "receiver ATUs") site and the frame of the Global appeared different
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>>> the Mizuho shown on the German site http://www.thiecom.de/at2000.htm What do
>>> you think?
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>>> ----- Original Message -----
>>> From: David Ross
>>> To: icomr75@yahoogroups.com
>>> Sent: Sunday, September 29, 2002 9:10 AM
>>> Subject: Re: [icomr75] Mizuho AT-2000
>>>
>>>
>>> Hello
>>>
>>> The Global AT-2000 ATU is available new at
>>>
>>> http://www.nevada.co.uk/acatalog/Online_Catalogue_Global_ATU_s_532.html
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>>> A close up and inner workings are visible at
>>>
>>> http://www.jjdcom.com/Global-AT2000.htm
>>>
>>> David
>>>

>>> On 9/29/02 10:14 AM, "Moxie3" <moxie3@...> wrote:
>>>
>>>> Paulo, do you know when Mizuho started making the AT-2000? Although I can
>>>> order a new unit from the German company, a money transfer costs $40 so I'm
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>>>> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

2475. Re: [icomr75] Mizuho AT-2000

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-29 15:53:19 UTC
From: David Ross
Topic: 2466 Message: 2475

George

Yes it is in English, one page both sides.

David

On 9/29/02 12:48 PM, "Moxie3" <moxie3@...> wrote:

> David,
> Is your instruction manual in English?
> George
> ----- Original Message -----
> From: David Ross
> To: icomr75@yahoogroups.com
> Sent: Sunday, September 29, 2002 10:34 AM
> Subject: Re: [icomr75] Mizuho AT-2000
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> Hello George
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>>> with a separate darker colored front while the Mizuho seems a gray color
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>>> From: David Ross
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>>> Subject: Re: [icomr75] Mizuho AT-2000
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>

2476. Re: [icomr75] Mizuho AT-2000

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-29 17:13:48 UTC
From: Moxie3
Topic: 2466 Message: 2476

David,
I had thought I placed my order with the German company until I received their confirmation information. The confirmation instructed for me to place a wire transfer which costs $40. This is why I'm thinking of buying the tuner elsewhere. However, the cost at the German site is about $130 shipped plus cost of transfer. I'll see if they will accept an International Postal Money Order instead. If I calculate the exchange rate correctly, the UK site has it for $140 plus shipping with no other costs since they accept credit cards. Regardless, I'll buy from someone this week as it looks like a well-made tuner. If I decide to go with the German site, I hope that the instructions are not in German.
Regards,
George
----- Original Message -----
From: David Ross
To: icomr75@yahoogroups.com
Sent: Sunday, September 29, 2002 10:53 AM
Subject: Re: [icomr75] Mizuho AT-2000

George

Yes it is in English, one page both sides.

David

On 9/29/02 12:48 PM, "Moxie3" <moxie3@...> wrote:

> David,
> Is your instruction manual in English?
> George
> ----- Original Message -----
> From: David Ross
> To: icomr75@yahoogroups.com
> Sent: Sunday, September 29, 2002 10:34 AM
> Subject: Re: [icomr75] Mizuho AT-2000
>
>
> Hello George
>
> I see the same as you. W&S shows a dark grey front panel with a tan case and
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>
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>

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>> or am I not seeing something? I hope you don't mind me asking as I know I'm
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>> ----- Original Message -----
>> From: David Ross
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>> Sent: Sunday, September 29, 2002 10:02 AM
>> Subject: Re: [icomr75] Mizuho AT-2000
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>> Hello George
>>
>> The Global Coupler AT-2000 has a grey cabinet with a dark grey front panel
>> with tan lettering.
>>
>> David
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>> On 9/29/02 11:59 AM, "Moxie3" <moxie3@...> wrote:
>>
>>> David,
>>> What is the color your frame? The Global appears tan on the top and sides
>>> with a separate darker colored front while the Mizuho seems a gray color
>>> front, top & sides.
>>> George
>>> ----- Original Message -----
>>> From: David Ross
>>> To: icomr75@yahoogroups.com
>>> Sent: Sunday, September 29, 2002 9:50 AM
>>> Subject: Re: [icomr75] Mizuho AT-2000
>>>
>>>
>>> Hello George
>>>
>>> I have the Global Coupler AT-2000 and it appears identical to the Mizuho per
>>> the url you suggested. On the back of the AT-2000 there is a small sticker
>>> "Made in Japan for Waters and Stanton Electronics". Most likely made by
>>> Mizuho with a different label of "Coupler AT-2000" on the front.
>>>
>>> This atu really works from below the mw band right on up to 30 MHz.
>>>
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>>> On 9/29/02 11:44 AM, "Moxie3" <moxie3@...> wrote:
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>>>> http://www.WSPLC.com/ (look under "products", then "antenna tuner units",
>>>> then "receiver ATUs") site and the frame of the Global appeared different
>>>> than
>>>> the Mizuho shown on the German site http://www.thiecom.de/at2000.htm What
>>>> do
>>>> you think?
>>>> George
>>>> ----- Original Message -----
>>>> From: David Ross
>>>> To: icomr75@yahoogroups.com
>>>> Sent: Sunday, September 29, 2002 9:10 AM
>>>> Subject: Re: [icomr75] Mizuho AT-2000
>>>>
>>>>
>>>> Hello
>>>>
>>>> The Global AT-2000 ATU is available new at
>>>>
>>>> http://www.nevada.co.uk/acatalog/Online_Catalogue_Global_ATU_s_532.html
>>>>
>>>> A close up and inner workings are visible at
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>>>> On 9/29/02 10:14 AM, "Moxie3" <moxie3@...> wrote:
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>>>>> Paulo, do you know when Mizuho started making the AT-2000? Although I can
>>>>> order a new unit from the German company, a money transfer costs $40 so
>>>>> I'm
>>>>> trying to locate a different source. One company said that they are not
>>>>> made
>>>>> anymore, is this true? Also, do you actually own one? Thanks,
>>>>> George
>>>>>
>>>>> [Non-text portions of this message have been removed]
>>>>>
>>>>>
>>>>>
>>>>> To unsubscribe from this group, send an email to:
>>>>> icomr75-unsubscribe@egroups.com
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>> Yahoo! Groups Sponsor
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[Non-text portions of this message have been removed]

2477. Re: [icomr75] Mizuho AT-2000

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-30 17:17:41 UTC
From: Moxie3
Topic: 2466 Message: 2477

David,
Since I never used an ATU before I have a question: Do you have to retune the ATU every time you change frequencies?
George
----- Original Message -----
From: David Ross
To: icomr75@yahoogroups.com
Sent: Sunday, September 29, 2002 10:53 AM
Subject: Re: [icomr75] Mizuho AT-2000

George

Yes it is in English, one page both sides.

David

On 9/29/02 12:48 PM, "Moxie3" <moxie3@...> wrote:

> David,
> Is your instruction manual in English?
> George
> ----- Original Message -----
> From: David Ross
> To: icomr75@yahoogroups.com
> Sent: Sunday, September 29, 2002 10:34 AM
> Subject: Re: [icomr75] Mizuho AT-2000
>
>
> Hello George
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> I see the same as you. W&S shows a dark grey front panel with a tan case and
> the German page shows a dark grey front panel with a lighter grey case. Both
> urls show 2 screws on each side at the bottom that fasten the outer case to
> the chassis.
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>> Hi again,
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>> sides. Also, it looks as if the Mizuho is a 1 piece frame consisting of the
>> front, top & sides, while the Global seems like it is 2 pieces, a separate
>> front panel and the top & sides being the other piece. Is this what you see
>> or am I not seeing something? I hope you don't mind me asking as I know I'm
>> splitting hairs here but I'm curious.

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>> ----- Original Message -----
>> From: David Ross
>> To: icomr75@yahoogroups.com
>> Sent: Sunday, September 29, 2002 10:02 AM
>> Subject: Re: [icomr75] Mizuho AT-2000
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[Non-text portions of this message have been removed]

2478. Re: [icomr75] Mizuho AT-2000

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-30 20:53:46 UTC
From: David Ross
Topic: 2466 Message: 2478

George

Yes, every time you change frequencies whether in the same band or another, you need to tweak the controls to maximize the received signal. You are matching the impedance of your antenna to the received frequency. That way you get maximum signal transfer.

David

On 9/30/02 1:17 PM, "Moxie3" <moxie3@...> wrote:

> David,
> Since I never used an ATU before I have a question: Do you have to retune the
> ATU every time you change frequencies?
> George
> ----- Original Message -----
> From: David Ross
> To: icomr75@yahoogroups.com
> Sent: Sunday, September 29, 2002 10:53 AM
> Subject: Re: [icomr75] Mizuho AT-2000
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>
> George
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> Yes it is in English, one page both sides.
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> David
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> On 9/29/02 12:48 PM, "Moxie3" <moxie3@...> wrote:
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>> Is your instruction manual in English?
>> George
>> ----- Original Message -----
>> From: David Ross
>> To: icomr75@yahoogroups.com
>> Sent: Sunday, September 29, 2002 10:34 AM
>> Subject: Re: [icomr75] Mizuho AT-2000
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>> I see the same as you. W&S shows a dark grey front panel with a tan case and
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>>>>> To: icomr75@yahoogroups.com
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>>>>> Hello
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>>> ADVERTISEMENT
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2479. Re: [icomr75] Mizuho AT-2000

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-30 22:01:30 UTC
From: Moxie3
Topic: 2466 Message: 2479

David,
Would you say that by using the tuner, you receive maybe 10% or so more stations?
George
----- Original Message -----
From: David Ross
To: icomr75@yahoogroups.com
Sent: Monday, September 30, 2002 3:53 PM
Subject: Re: [icomr75] Mizuho AT-2000

George

Yes, every time you change frequencies whether in the same band or another,
you need to tweak the controls to maximize the received signal. You are
matching the impedance of your antenna to the received frequency. That way
you get maximum signal transfer.

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>> Hello George
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>>>>>> [Non-text portions of this message have been removed]
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>>>>>> To unsubscribe from this group, send an email to:
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[Non-text portions of this message have been removed]

2480. Re: [icomr75] Mizuho AT-2000

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-30 21:30:40 UTC
From: David Ross
Topic: 2466 Message: 2480

George

With an antenna tuner you will receive stations that you already do a bit stronger and will also hear weak stations that were not there before.

David

On 9/30/02 6:01 PM, "Moxie3" <moxie3@...> wrote:

> David,
> Would you say that by using the tuner, you receive maybe 10% or so more
> stations?
> George
> ----- Original Message -----
> From: David Ross
> To: icomr75@yahoogroups.com
> Sent: Monday, September 30, 2002 3:53 PM
> Subject: Re: [icomr75] Mizuho AT-2000
>
>
> George
>
> Yes, every time you change frequencies whether in the same band or another,
> you need to tweak the controls to maximize the received signal. You are
> matching the impedance of your antenna to the received frequency. That way
> you get maximum signal transfer.
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> David
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> On 9/30/02 1:17 PM, "Moxie3" <moxie3@...> wrote:
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>> David,
>> Since I never used an ATU before I have a question: Do you have to retune
>> the
>> ATU every time you change frequencies?
>> George
>> ----- Original Message -----
>> From: David Ross
>> To: icomr75@yahoogroups.com
>> Sent: Sunday, September 29, 2002 10:53 AM
>> Subject: Re: [icomr75] Mizuho AT-2000
>>
>>
>> George
>>
>> Yes it is in English, one page both sides.

>>
>> David
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>> On 9/29/02 12:48 PM, "Moxie3" <moxie3@...> wrote:
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>>> David,
>>> Is your instruction manual in English?
>>> George
>>> ----- Original Message -----
>>> From: David Ross
>>> To: icomr75@yahoogroups.com
>>> Sent: Sunday, September 29, 2002 10:34 AM
>>> Subject: Re: [icomr75] Mizuho AT-2000
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>>> Hello George
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>>> I see the same as you. W&S shows a dark grey front panel with a tan case and
>>> the German page shows a dark grey front panel with a lighter grey case. Both
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>>>> front, top & sides, while the Global seems like it is 2 pieces, a separate
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>>>> I'm
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>>>> George
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>>>> From: David Ross
>>>> To: icomr75@yahoogroups.com
>>>> Sent: Sunday, September 29, 2002 10:02 AM
>>>> Subject: Re: [icomr75] Mizuho AT-2000
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>>>> Hello George
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>>>> The Global Coupler AT-2000 has a grey cabinet with a dark grey front panel
>>>> with tan lettering.
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>>>> David
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>>>> On 9/29/02 11:59 AM, "Moxie3" <moxie3@...> wrote:
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>>>>> David,
>>>>> What is the color your frame? The Global appears tan on the top and sides
>>>>> with a separate darker colored front while the Mizuho seems a gray color
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>>>>> George
>>>>> ----- Original Message -----
>>>>> From: David Ross
>>>>> To: icomr75@yahoogroups.com
>>>>> Sent: Sunday, September 29, 2002 9:50 AM
>>>>> Subject: Re: [icomr75] Mizuho AT-2000
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>>>>> Hello George
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>>>>> I have the Global Coupler AT-2000 and it appears identical to the Mizuho
>>>>> per
>>>>> the url you suggested. On the back of the AT-2000 there is a small sticker
>>>>> "Made in Japan for Waters and Stanton Electronics". Most likely made by
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>>>>> This atu really works from below the mw band right on up to 30 MHz.
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>>>>>> From: David Ross
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>>>>>> Sent: Sunday, September 29, 2002 9:10 AM
>>>>>> Subject: Re: [icomr75] Mizuho AT-2000
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>>>>>>
>>>>>> Hello
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>>>>>> The Global AT-2000 ATU is available new at

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>>>>>> http://www.nevada.co.uk/acatalog/Online_Catalogue_Global_ATU_s_532.html
>>>>>>
>>>>>> A close up and inner workings are visible at
>>>>>>
>>>>>> http://www.jjdcom.com/Global-AT2000.htm
>>>>>>
>>>>>> David
>>>>>>
>>>>>> On 9/29/02 10:14 AM, "Moxie3" <moxie3@...> wrote:
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>>>>>>> Paulo, do you know when Mizuho started making the AT-2000? Although I
>>>>>>> can
>>>>>>> order a new unit from the German company, a money transfer costs $40 so
>>>>>>> I'm
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2481. Re: [icomr75] Mizuho AT-2000

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-09-30 23:32:46 UTC
From: Moxie3
Topic: 2466 Message: 2481

David,
Sounds good to me. I've got an e-mail in to the German company asking whether they'll take a certified check in U.S. dollars as I can't get one in Euros. Also, effective August 10th, the postal service has stopped International Postal Money Orders to Germany. The only way I can send them the money in Euros at this time is a wire transfer which costs $40. And this company takes sooooo long to get back to me, usually about 2 or 3 days. So I'm hoping that they will accept pre-payment via certified check so I can get things going. I don't understand why they don't take credit cards like most other companies but so be it. BTW, I've been told that Mizuho hasn't made the AT-2000 since the 90s - don't know how true this is and it doesn't matter to me.

George
----- Original Message -----
From: David Ross
To: icomr75@yahoogroups.com
Sent: Monday, September 30, 2002 4:30 PM
Subject: Re: [icomr75] Mizuho AT-2000

George

With an antenna tuner you will receive stations that you already do a bit
stronger and will also hear weak stations that were not there before.

David

On 9/30/02 6:01 PM, "Moxie3" <moxie3@...> wrote:

> David,
> Would you say that by using the tuner, you receive maybe 10% or so more
> stations?
> George
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> From: David Ross
> To: icomr75@yahoogroups.com
> Sent: Monday, September 30, 2002 3:53 PM
> Subject: Re: [icomr75] Mizuho AT-2000
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>
> George
>
> Yes, every time you change frequencies whether in the same band or another,
> you need to tweak the controls to maximize the received signal. You are
> matching the impedance of your antenna to the received frequency. That way
> you get maximum signal transfer.
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> David

>
> On 9/30/02 1:17 PM, "Moxie3" <moxie3@...> wrote:
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>> David,
>> Since I never used an ATU before I have a question: Do you have to retune
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>> ATU every time you change frequencies?
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>> From: David Ross
>> To: icomr75@yahoogroups.com
>> Sent: Sunday, September 29, 2002 10:53 AM
>> Subject: Re: [icomr75] Mizuho AT-2000
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>> George
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>> Yes it is in English, one page both sides.
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>>
>>> David,
>>> Is your instruction manual in English?
>>> George
>>> ----- Original Message -----
>>> From: David Ross
>>> To: icomr75@yahoogroups.com
>>> Sent: Sunday, September 29, 2002 10:34 AM
>>> Subject: Re: [icomr75] Mizuho AT-2000
>>>
>>>
>>> Hello George
>>>
>>> I see the same as you. W&S shows a dark grey front panel with a tan case and
>>> the German page shows a dark grey front panel with a lighter grey case. Both
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>>>> Hi again,
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>>>> front, top & sides, while the Global seems like it is 2 pieces, a separate

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>>>>>> David
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>>>>>> On 9/29/02 10:14 AM, "Moxie3" <moxie3@...> wrote:
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>>>>>>> Paulo, do you know when Mizuho started making the AT-2000? Although I
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[Non-text portions of this message have been removed]

2482. Re: [icomr75] Mizuho AT-2000

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-01 00:34:36 UTC
From: Moxie3
Topic: 2466 Message: 2482

David,
Good news. The German company said they will take a certified check in dollars; I'll mail it out tomorrow.
George
----- Original Message -----
From: David Ross
To: icomr75@yahoogroups.com
Sent: Monday, September 30, 2002 4:30 PM
Subject: Re: [icomr75] Mizuho AT-2000

George

With an antenna tuner you will receive stations that you already do a bit stronger and will also hear weak stations that were not there before.

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>>> I see the same as you. W&S shows a dark grey front panel with a tan case and
>>> the German page shows a dark grey front panel with a lighter grey case. Both
>>> urls show 2 screws on each side at the bottom that fasten the outer case to
>>> the chassis.
>>>
>>> David
>>>
>>> On 9/29/02 12:12 PM, "Moxie3" <moxie3@...> wrote:
>>>
>>>> Hi again,
>>>> David, that German site shows a frame that is entirely dark grey, front top
>>>> &
>>>> sides. Also, it looks as if the Mizuho is a 1 piece frame consisting of
>>>> the
>>>> front, top & sides, while the Global seems like it is 2 pieces, a separate
>>>> front panel and the top & sides being the other piece. Is this what you
>>>> see
>>>> or am I not seeing something? I hope you don't mind me asking as I know
>>>> I'm
>>>> splitting hairs here but I'm curious.
>>>> George
>>>> ----- Original Message -----
>>>> From: David Ross

>>>> To: icomr75@yahoogroups.com
>>>> Sent: Sunday, September 29, 2002 10:02 AM
>>>> Subject: Re: [icomr75] Mizuho AT-2000
>>>>
>>>>
>>>> Hello George
>>>>
>>>> The Global Coupler AT-2000 has a grey cabinet with a dark grey front panel
>>>> with tan lettering.
>>>>
>>>> David
>>>>
>>>> On 9/29/02 11:59 AM, "Moxie3" <moxie3@...> wrote:
>>>>
>>>>> David,
>>>>> What is the color your frame? The Global appears tan on the top and sides
>>>>> with a separate darker colored front while the Mizuho seems a gray color
>>>>> front, top & sides.
>>>>> George
>>>>> ----- Original Message -----
>>>>> From: David Ross
>>>>> To: icomr75@yahoogroups.com
>>>>> Sent: Sunday, September 29, 2002 9:50 AM
>>>>> Subject: Re: [icomr75] Mizuho AT-2000
>>>>>
>>>>>
>>>>> Hello George
>>>>>
>>>>> I have the Global Coupler AT-2000 and it appears identical to the Mizuho
>>>>> per
>>>>> the url you suggested. On the back of the AT-2000 there is a small sticker
>>>>> "Made in Japan for Waters and Stanton Electronics". Most likely made by
>>>>> Mizuho with a different label of "Coupler AT-2000" on the front.
>>>>>
>>>>> This atu really works from below the mw band right on up to 30 MHz.
>>>>>
>>>>> David
>>>>>
>>>>> On 9/29/02 11:44 AM, "Moxie3" <moxie3@...> wrote:
>>>>>
>>>>>> David,
>>>>>> Thanks for the info. I saw a picture of the Global on the
>>>>>> http://www.WSPLC.com/ (look under "products", then "antenna tuner
>>>>>> units",
>>>>>> then "receiver ATUs") site and the frame of the Global appeared different
>>>>>> than
>>>>>> the Mizuho shown on the German site http://www.thiecom.de/at2000.htm What
>>>>>> do
>>>>>> you think?
>>>>>> George

>>>>>> ----- Original Message -----
>>>>>> From: David Ross
>>>>>> To: icomr75@yahoogroups.com
>>>>>> Sent: Sunday, September 29, 2002 9:10 AM
>>>>>> Subject: Re: [icomr75] Mizuho AT-2000
>>>>>>
>>>>>>
>>>>>> Hello
>>>>>>
>>>>>> The Global AT-2000 ATU is available new at
>>>>>>
>>>>>> http://www.nevada.co.uk/acatalog/Online_Catalogue_Global_ATU_s_532.html
>>>>>>
>>>>>> A close up and inner workings are visible at
>>>>>>
>>>>>> http://www.jjdcom.com/Global-AT2000.htm
>>>>>>
>>>>>> David
>>>>>>
>>>>>> On 9/29/02 10:14 AM, "Moxie3" <moxie3@...> wrote:
>>>>>>
>>>>>>> Paulo, do you know when Mizuho started making the AT-2000? Although I
>>>>>>> can
>>>>>>> order a new unit from the German company, a money transfer costs $40 so
>>>>>>> I'm
>>>>>>> trying to locate a different source. One company said that they are not
>>>>>>> made
>>>>>>> anymore, is this true? Also, do you actually own one? Thanks,
>>>>>>> George
>>>>>>>
>>>>>>> [Non-text portions of this message have been removed]
>>>>>>>
>>>>>>>
>>>>>>>
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>>>>>>> icomr75-unsubscribe@egroups.com
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>>>>>> [Non-text portions of this message have been removed]
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>>>>> [Non-text portions of this message have been removed]
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>>>> [Non-text portions of this message have been removed]
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>>>>
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>>>
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>>
>> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>>
>>
>> [Non-text portions of this message have been removed]
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>>
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>> icomr75-unsubscribe@egroups.com
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>>
>> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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> To unsubscribe from this group, send an email to:
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>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
> [Non-text portions of this message have been removed]
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> To unsubscribe from this group, send an email to:
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[Non-text portions of this message have been removed]

2483. Magnetic Longwire Balun

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-01 01:21:17 UTC
From: payman_a
Topic: 2483 Message: 2483

Is anybody using a longwire with a Magnetic Longwire Balun (of the type in RF Systems MLBA-MK1 antenna for example), or can somebody comment on the usefulness of an MLB vs. an external antenna tuner?

Reference: see the thread "Magnetic Longwire Balun" (MLB) -- Impossible claims?" on http://groups.google.com.

Thanks!

payman

2484. Re: [icomr75] Magnetic Longwire Balun

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-01 01:53:13 UTC
From: efricha@dimensional.com
Topic: 2483 Message: 2484

>
> Is anybody using a longwire with a Magnetic Longwire Balun (of the
> type in RF Systems MLBA-MK1 antenna for example), or can somebody
> comment on the usefulness of an MLB vs. an external antenna tuner?
>
> Reference: see the thread "Magnetic Longwire Balun" (MLB) --
> Impossible claims?" on http://groups.google.com.

Controversial subject. Not any matching transformer, per se, but the
RF Systems product.

The Magnetic Longwire Balun is three lies for the price of one:

Magnetic? No, electromagnetic.

Longwire? No, usually used on a random wire.

Balun? No, either an unun or a matching transformer. Baluns are for
balanced to unbalanced connections, like a dipole to coax.

Now, using a matching transformer on a random-wire is a good idea. The
antenna is generally high-impedance, and your coaxial line is low-impedance.
At various frequencies, the impedence will change, but the transformer
will "smooth" things out for you, making the impedence mismatch much smaller
to the receiver, and improving on received signal transfer to your radio
where you want it.

That's one of the reasons for using a matching transformer, and the
explanation, to put it mildly, is very fast-and-loose. A pedant would
positively blow a gasket at it, but it'll do. Anyway...

Another benefit of using a matching transformer to feed your random
wire is that it moves the antenna away from your house, and away from
all the noise sources there. IF YOUR MATCHING TRANSFORMER IS GROUNDED
AT THE ANTENNA FEEEPOINT, which the MLB does NOT do, noise from the
inside of the house won't "get" to your antenna via the coax.

The third point is that a random-wire antenna will tend to pick up a
static charge from wind blowing across it or rain and snow -- especially
snow -- falling on it. Since the transformer is a short at DC, the charge
on the wire will be constantly bled off. While the R-75 has an
internal resistor for just that purpose, this is safer by an order of
magnitude.

What I would suggest is that you consider an ICE matching transformer
instead -- specifically the ICE 180 or one of its cousins.

They are designed to be grounded at the feedpoint, and that should be done -- it's important. The "MLB" doesn't allow for that.

They have gas-tube protection that will save your R-75 from lightning near-misses.

They are better constructed. They're also not potted in epoxy so you can open the case and look at the "guts."

They have multiple impedence taps so you can find out what works best, in case the standard 9:1 transformation isn't the best for your antenna.

They are cheaper!

Finding them can be a hassle, though. Cable-X-Perts (www.cablexperts.com) carries them, IIRC. ICE's website is not active at this time. I'll have to look at home to find out where I bought my last one, earlier this year. (I didn't get my ICE-182 from Cable-X-Perts because they didn't carry that specific variant.)

Eric

> Thanks!
>
> payman

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2485. Re: [icomr75] Magnetic Longwire Balun

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-01 03:12:09 UTC
From: Moxie3
Topic: 2483 Message: 2485

Eric is right on. I took Eric's advice and bought one of ICE's products, a coaxial lightning/EMP suppressor - exceptional quality at a fair price. And that ICE 180A has great reviews. And for once I can add something to this site: You can reach ICE at 1-800-423-2666.
George
----- Original Message -----
From: efricha@...
To: icomr75@yahoogroups.com
Cc: Eric F. Richards
Sent: Monday, September 30, 2002 8:53 PM
Subject: Re: [icomr75] Magnetic Longwire Balun

>
> Is anybody using a longwire with a Magnetic Longwire Balun (of the
> type in RF Systems MLBA-MK1 antenna for example), or can somebody
> comment on the usefulness of an MLB vs. an external antenna tuner?
>
> Reference: see the thread "Magnetic Longwire Balun" (MLB) --
> Impossible claims?" on http://groups.google.com.

Controversial subject. Not any matching transformer, per se, but the RF Systems product.

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That's one of the reasons for using a matching transformer, and the explanation, to put it mildly, is very fast-and-loose. A pedant would positively blow a gasket at it, but it'll do. Anyway...

Another benefit of using a matching transformer to feed your random wire is that it moves the antenna away from your house, and away from all the noise sources there. IF YOUR MATCHING TRANSFORMER IS GROUNDED AT THE ANTENNA FEEEPOINT, which the MLB does NOT do, noise from the

inside of the house won't "get" to your antenna via the coax.

The third point is that a random-wire antenna will tend to pick up a static charge from wind blowing across it or rain and snow -- especially snow -- falling on it. Since the transformer is a short at DC, the charge on the wire will be constantly bled off. While the R-75 has an internal resistor for just that purpose, this is safer by an order of magnitude.

What I would suggest is that you consider an ICE matching transformer instead -- specifically the ICE 180 or one of its cousins.

They are designed to be grounded at the feedpoint, and that should be done -- it's important. The "MLB" doesn't allow for that.

They have gas-tube protection that will save your R-75 from lightning near-misses.

They are better constructed. They're also not potted in epoxy so you can open the case and look at the "guts."

They have multiple impedence taps so you can find out what works best, in case the standard 9:1 transformation isn't the best for your antenna.

They are cheaper!

Finding them can be a hassle, though. Cable-X-Perts (www.cablexperts.com) carries them, IIRC. ICE's website is not active at this time. I'll have to look at home to find out where I bought my last one, earlier this year. (I didn't get my ICE-182 from Cable-X-Perts because they didn't carry that specific variant.)

Eric

> Thanks!
>
> payman

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

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[Non-text portions of this message have been removed]

2486. Re: [icomr75] Magnetic Longwire Balun

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-01 02:14:46 UTC
From: efricha@dimensional.com
Topic: 2483 Message: 2486

>
> Eric is right on. I took Eric's advice and bought one of ICE's
> products, a coaxial lightning/EMP suppressor - exceptional quality
> at a fair price. And that ICE 180A has great reviews. And for once
> I can add something to this site: You can reach ICE at 1-800-423-2666.
> George

Hi, George,

Good to hear that it turned out well.

I keep forgetting to ask -- how do you like Joe Carr's antenna book?

(Posted to list because it may be of general interest.)

Eric

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2487. Re: Magnetic Longwire Balun

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-01 09:04:55 UTC
From: manabu662001
Topic: 2483 Message: 2487

I have one.
Useful, but not prefect. Convenient to mobile operation with
random wire.

Manabu Doi

2488. Re: [icomr75] Magnetic Longwire Balun

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-01 13:49:35 UTC
From: Moxie3
Topic: 2483 Message: 2488

Eric,

I'm embarrassed to say but I've read just a few pages, specifically about long wires, random wires and a few other subjects. I need to read it from beginning to end - it's an excellent book. The only place I found it in-stock new was at Barnes & Noble online.

Eric, while you're here, I've got a question. Putting aside grounding, static electricity, RMF, noise issues, etc., is there an advantage with using coax to the receiver vs. using the spring loaded clips? I was thinking more with reception. Doesn't the receiver adjust the impedance at the spring loaded connectors?

Oh, for Payman, I forgot to pass along yesterday that the 180A (1.5-30Mhz) is $39, and ICE only charges for actual shipping. My shipping charges, which included some cable, was $4.30 from IN to FL. The 182A (.1-30Mhz) which Eric mentioned is also $39.

George

----- Original Message -----
From: efricha@...
To: icomr75@yahoogroups.com
Cc: Eric F. Richards
Sent: Monday, September 30, 2002 9:14 PM
Subject: Re: [icomr75] Magnetic Longwire Balun

>
> Eric is right on. I took Eric's advice and bought one of ICE's
> products, a coaxial lightning/EMP suppressor - exceptional quality
> at a fair price. And that ICE 180A has great reviews. And for once
> I can add something to this site: You can reach ICE at 1-800-423-2666.
> George

Hi, George,

Good to hear that it turned out well.

I keep forgetting to ask -- how do you like Joe Carr's antenna book?

(Posted to list because it may be of general interest.)

Eric

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

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[Non-text portions of this message have been removed]

2489. Re: [icomr75] Magnetic Longwire Balun

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-01 13:11:50 UTC
From: Eric F. Richards
Topic: 2483 Message: 2489

At 08:49 AM 10/1/2002 -0500, Moxie3 wrote:

>Eric, while you're here, I've got a question. Putting aside grounding,
>static electricity, RMF, noise issues, etc.,

You sure are putting a lot aside! :-)

>is there an advantage with using coax to the receiver vs. using the spring
>loaded clips? I was thinking more with reception. Doesn't the receiver
>adjust the impedance at the spring loaded connectors?

There is a small unun in the R-75 to present high impedence at the spring
clips.

The main purpose of coaxial line is to bring RF from or to an antenna
somewhere else. So most of the purpose of coax is to get the signal
to and from that point as unmolested as possible. Coax does have losses,
however, so if you don't need to move the antenna away from your radio,
it doesn't make a difference. However, for the discounted reasons above,
plus others if you transmit, coax -- or some other transmission line --
should be used to get the signal from your antenna to the radio.

Phil's wire 'round the room is an example of where coax would *not* help.

Obscure fact o' the day: The RG- prefix on coaxial lines stands for
"radio guide" and dates back to the early, dark ages of coaxial cable.

Obscure fact #2. Other transmission lines like 300 ohm twin-lead or 450 or
600 ohm ladder line are balanced examples of wire lines. I do a lot of
"playing with radio" on a site used for RF testing, the Table Mountain
National Radio Quiet Zone. You find odd things out there; one I found
was *unbalanced* wire line: 4 wires surrounding a 5th central wire, held
in place by the supports every few feet (and presumably by ceramic or
Bakelite spacers on the wire itself, but the wires were gone; just the
supports with their spacers were left).

>
>
>Oh, for Payman, I forgot to pass along yesterday that the 180A (1.5-30Mhz)
>is $39, and ICE only charges for actual shipping. My shipping charges,
>which included some cable, was $4.30 from IN to FL. The 182A (.1-30Mhz)
>which Eric mentioned is also $39.

BTW, the difference between the 180 and 182 is that the 182 has a higher-
cpacitance isolation capacitor. The 180 has 0.01 uFd; the 182 has, I think
0.5 uFd.

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2490. Re: Magnetic Longwire Balun

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-01 16:09:04 UTC
From: payman_a
Topic: 2483 Message: 2490

Many thanks to Eric, George, and everybody else for their extremely helpful comments and pointers on this topic! I am reading Joe Carr's book too, and will be getting one of the ICE transformers, after Eric's superb explanation.

payman

2491. can I adjust the bandwidth by PBT

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-02 08:38:15 UTC
From: januaryabc
Topic: 2491 Message: 2491

Someone said that the effective range of PBT is +/- 1.29khz when
2.4khz filter is selected, is it true?

If it is true, can I adjust the bandwidth by PBT ?

If yes, what is the range of bandwidth that can be adjusted by PBT?
(Is that from 0.11khz to 3.69khz)

Will there any differents in performance compare with a true filter?

2492. Re: can I adjust the bandwidth by PBT

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-03 01:28:01 UTC
From: just_rtfm
Topic: 2491 Message: 2492

hello:

> If it is true, can I adjust the bandwidth by PBT ?

yes! the range from what i can see via spectral analysis is about 400 Hz to 2400 Hz range. while i am sure a dedicated filter could offer better performance, i believe that most people do not need optional filters. the stock filters are quite good, especially if you know all the tuning tricks (see the cookbook in the files section).

phil :)

2493. another low cost filter method

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-03 01:53:13 UTC
From: craigm55901
Topic: 2493 Message: 2493

Folks, I've added a picture in the photos sections showing another way to add a low cost filter to the R-75.

Enjoy.

Craig

2494. Re: can I adjust the bandwidth by PBT

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-03 07:56:38 UTC
From: januaryabc
Topic: 2491 Message: 2494

```
--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> hello:
>
> > If it is true, can I adjust the bandwidth by PBT ?
>
> yes! the range from what i can see via spectral analysis is about
400
> Hz to 2400 Hz range. while i am sure a dedicated filter could
offer
> better performance, i believe that most people do not need
optional
> filters. the stock filters are quite good, especially if you know
all
> the tuning tricks (see the cookbook in the files section).
>
> phil :)
```

Is that I can get narrower bandwidth only, not wider?

2495. Re: can I adjust the bandwidth by PBT

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-03 16:11:50 UTC
From: analogger2001
Topic: 2491 Message: 2495

> Is that I can get narrower bandwidth only, not wider?

This is true, but if you tune in a station in the narrow mode with the 2.4 Khz filters selected for both passbands, you can take both PBT controls and turn them the same direction. In effect you are selecting one sideband or the other. This gives more bandwidth to the sideband you select, and thus more high frequency audio. Also you can pick the sideband with the best audio. This trick works best in S-AM mode, but will work in Narrow AM mode also.

Jim

2496. Buying An Icom IC-R75, keep my FRT-7700 tuner?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-03 23:31:11 UTC
From: gerryhaughey
Topic: 2496 Message: 2496

Hi all, i am considering buying a new or used icom ic-r75 receiver some time soon and getting rid of my ageing FRG7700. With the FRG7700 i have the additional FRT7700 antenna tuner, do you guys reckon this tuner will work with my Icom when i get it, and if so is it worth holding on to it?

Any feedback would be much appreciated. Really looking forward to getting my new icom! Oh and one more thing what would be a good used price(in euro's) for a Yaesu FRG7700 with the FRG7700 VHF convertor?

2497. Re: [icomr75] Buying An Icom IC-R75, keep my FRT-7700 tuner?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-04 01:05:37 UTC
From: Moxie3
Topic: 2496 Message: 2497

Gerry,
No way, get rid of the FRT-7700 tuner; I'll do you a favor and take it off your hands plus give you 5 bucks for it. Just kidding! If you read some of the more recent posts on the FRT-7700, you'll see that it is a highly respected and high in demand tuner by owners of the R75.
George

-- Original Message -----
From: gerryhaughey
To: icomr75@yahoogroups.com
Sent: Thursday, October 03, 2002 6:31 PM
Subject: [icomr75] Buying An Icom IC-R75, keep my FRT-7700 tuner?

Hi all, i am considering buying a new or used icom ic-r75 receiver some time soon and getting rid of my ageing FRG7700. With the FRG7700 i have the additional FRT7700 antenna tuner, do you guys reckon this tuner will work with my Icom when i get it, and if so is it worth holding on to it?

Any feedback would be much appreciated. Really looking forward to getting my new icom! Oh and one more thing what would be a good used price(in euro's) for a Yaesu FRG7700 with the FRG7700 VHF convertor?

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[Non-text portions of this message have been removed]

2498. Re: Buying An Icom IC-R75, keep my FRT-7700 tuner?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-04 15:18:08 UTC
From: rsakabu
Topic: 2496 Message: 2498

--- In icomr75@y..., "gerryhaughey" <gerryhaughey@y...> wrote:
> Hi all, i am considering buying a new or used icom ic-r75 receiver
> some time soon and getting rid of my ageing FRG7700. With the
> FRG7700 i have the additional FRT7700 antenna tuner, do you guys
> reckon this tuner will work with my Icom when i get it, and if so is
> it worth holding on to it?
>
> Any feedback would be much appreciated. Really looking forward to
> getting my new icom! Oh and one more thing what would be a good used
> price(in euro's) for a Yaesu FRG7700 with the FRG7700 VHF convertor?

Keep the tuner. It will work well with the R-75.

Before you get rid of the FRG-7700, do a side by side comparison with the R-75 and FRG-7700. You'll be sorry to leave that beautiful sound of the FRG-7700, but not all is lost. Go to Radio Shack (if they have those in europe) and get yourself an RCA Pro-X33A speaker while it is on sale for $20, not when it is at its regular price of $40 (about every other month). Then do the comparison between the Yaesu and Icom. You'll see that you are just about there and you'll have the added benefit of a modern receiver with DSP (get the DSP option, it's worth it, but mostly for getting rid of heterodynes).

Here's another suggestion, keep the FRV-7700. Make a copy of the pinouts for the accessory connector of the FRG-7700 and you can wire up a wall-wart power supply to power up the FRV-7700 without plugging it into the FRG-7700. Then you can feed the R-75 with the down-converted signals and make you R-75 capable of hearing aircraft, 2 meter ham and 150MHz radio communications!

A good, clean FRG-7700 should fetch about 250-300 euro/usd on ebay. If you have the original boxes and especially the original manual, you should get closer to the higher number, maybe more. I got one for $250 on ebay and a year later, after I got the R-75, sold it for the same price. So for about $15 in shipping and ebay charges, I got to "rent" the radio for a year; not a bad deal :)

Good luck,
Roy

2499. Re: Buying An Icom IC-R75, keep my FRT-7700 tuner?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-04 15:19:40 UTC
From: R H F
Topic: 2496 Message: 2499

--- In icomr75@y..., "gerryhaughey" <gerryhaughey@y...> wrote:

< Q > Oh and one more thing what would be a good used price (in euro's) for a Yaesu FRG7700 with the FRG7700 VHF convertor?

[R] Currently the US Dollar and the Euro are about on 'parity'?

Modern Shortwave Receiver Survey (DXing.Com)
The Yaesu FRG-7700 is at tha bottom of the web page.
The Used Equipment Price Range is $260 to $340.
It has a Three Star Rating *** (Out of five stars max)
http://www.dxing.com/rx/frg7000.htm
Read the Basic Information on the FRG-7700

eBay Auction Completed Items within the last 30 Days had Three Yaesu FRG-7700s with an Average Closing Bid/Price of $220.

The three major accessories for the FRG-7700 Receiver usually have a Closing Bid near $70-$85 with a range of about $45 to $135.
FRT-7700 Antenna Tuner
FRA-7700 Active Antenna
FRV-7700 VHF Convertor (Some What Rare?)

NOTE: 'Original' Manuals and Documents; Plus the 'Original' Boxs Add to the Price Valuation of Any Item For Sale at Auction.

~ RHF

2500. R75 ssb agc

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-06 12:45:27 UTC
From: dscovazz2002
Topic: 2500 Message: 2500

J had implemented all the mods reported in the "files" section, all
these works ok.
Is these any adaptation for ssb agc, that is good, btu not
at "Drake" level !!!

73 Diego I1qii

2501. Icom FL-103 9MHz (2.8kHz) Filter

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-07 18:33:42 UTC
From: R H F
Topic: 2501 Message: 2501

Let me verifiy something concerning the Icom FL-103 9MHz SSB Wide Filter. This Filter is a Plug-In Unit - Right?

I bought this R75 on eBay and it already had all the Kiwa Mods (Including the 455kHz Filters).
So, Installing the FL-103 Filter would give me an additional filter in the 9MHz IF Section.
Would this FL-103 (2.8kHz) be a better third 9MHz Filter option then the Narrow SSB FL-223 (1,9kHz) Filter?

~ RHF

2502. Re: Icom FL-103 9MHz (2.8kHz) Filter

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-08 01:00:32 UTC
From: just_rtfm
Topic: 2501 Message: 2502

hi RHF:

AFAIK all the ICOM filters are plug-in. some friends of mine have told me that the 2.8 kHz filter is the 9 MHz position is excellent for ECSS. the narrow 1.9 kHz filter would maybe be fine if you are always parked on hams BUT IMO it's not worth it because you can turn the PBTs in opposite directions and easily simulate this filter. have you read my cookbook? the reason i ask is that IMO additional filters are rarely needed. if you want to simulate sideband selectable sync... do this trick: using the 2.4 kHz filters detune by plus or minus 1.2 kHz while using S-AM. try it out tonight. find an AM station where there is one-sided noise, compare the two using USB and LSB. if LSB is better then decrease the frequency by 1.2 kHz, if USB then increase. for example: if you want 600 kHz AM but the LSB is noisy... engage dual 2.4 kHz filters, engage S-AM, and then tune to 601.2 kHz. the audio will brighten.

phil :)

2503. Re: Icom FL-103 9MHz (2.8kHz) Filter

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-08 12:49:08 UTC
From: LarryR
Topic: 2501 Message: 2503

There is also a 3.3kHz filter, FL-102 I think, that works very well for ECSS, and gives you a little more bandwidth than the FL-103. If you're going to spend the money that would seem to be more useful since you already have the 2.4kHz filters.

2504. Re: Icom FL-103 9MHz (2.8kHz) Filter

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-08 23:12:35 UTC
From: R H F
Topic: 2501 Message: 2504

LR,

I looked in the manual and there is not FL-102 listed for the R75 is it used on another Icom RX? or TX? And will it work in the R75?

There is a FL-257 (3.3kHz), but it is for the 455kHz 3RD IF.

What I am looking for is a third filter for the 9MHz 2ND IF. Would really like a 6kHz, but a 3.5-5kHz would do. Maybe when KIWA gets relocated; I can pose the question of a 9MHz 2ND IF 6kHz Filter to them. Or then again, INRAD may wish to take on the task.

~ RHF

- - - In icomr75@y..., "LarryR" <nospam4russell@c...> wrote:
> There is also a 3.3kHz filter, FL-102 I think, that works very well
> for ECSS, and gives you a little more bandwidth than the FL-103. If
> you're going to spend the money that would seem to be more useful
> since you already have the 2.4kHz filters.

2505. Re: Icom FL-103 9MHz (2.8kHz) Filter

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-09 01:10:30 UTC
From: LarryR
Topic: 2501 Message: 2505

I'm sorry. I WAS thinking of the 455kHz 3.3 kHz filter. That's what
I get for talking off the top of my head. You are correct; the
widest optional 9MHz filter is the FL-103 2.8 kHz filter.

--- In icomr75@y..., "R H F" <rhf-mail@u...> wrote:
> LR,
>
> I looked in the manual and there is not FL-102 listed for the R75
is
> it used on another Icom RX? or TX? And will it work in the R75?
>
> There is a FL-257 (3.3kHz), but it is for the 455kHz 3RD IF.
>
> What I am looking for is a third filter for the 9MHz 2ND IF.
Would
> really like a 6kHz, but a 3.5-5kHz would do. Maybe when KIWA gets
> relocated; I can pose the question of a 9MHz 2ND IF 6kHz Filter to
> them. Or then again, INRAD may wish to take on the task.
>
> ~ RHF
>
> - - - In icomr75@y..., "LarryR" <nospam4russell@c...> wrote:
> > There is also a 3.3kHz filter, FL-102 I think, that works very
well
> > for ECSS, and gives you a little more bandwidth than the FL-103.
If
> > you're going to spend the money that would seem to be more
useful
> > since you already have the 2.4kHz filters.

2506. Re: [icomr75] Re: Icom FL-103 9MHz (2.8kHz) Filter

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-09 02:02:38 UTC
From: Gert Nilsson
Topic: 2501 Message: 2506

The 6 kHz FL102 is used in several ICOM transceivers and is a direct plug in for the R75.
----- Original Message -----
From: R H F
To: icomr75@yahoogroups.com
Sent: Tuesday, October 08, 2002 11:12 PM
Subject: [icomr75] Re: Icom FL-103 9MHz (2.8kHz) Filter

LR,

I looked in the manual and there is not FL-102 listed for the R75 is
it used on another Icom RX? or TX? And will it work in the R75?

There is a FL-257 (3.3kHz), but it is for the 455kHz 3RD IF.

What I am looking for is a third filter for the 9MHz 2ND IF. Would
really like a 6kHz, but a 3.5-5kHz would do. Maybe when KIWA gets
relocated; I can pose the question of a 9MHz 2ND IF 6kHz Filter to
them. Or then again, INRAD may wish to take on the task.

~ RHF

- - - In icomr75@y..., "LarryR" <nospam4russell@c...> wrote:
> There is also a 3.3kHz filter, FL-102 I think, that works very well
> for ECSS, and gives you a little more bandwidth than the FL-103. If
> you're going to spend the money that would seem to be more useful
> since you already have the 2.4kHz filters.

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[Non-text portions of this message have been removed]

2507. Re: serial connector temperature !

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-09 14:24:06 UTC
From: tscopedan
Topic: 2233 Message: 2507

-I have the same condition with my r75, (2 yrs old). Being a tech I opened the case and found the source of the heat, a 7805 voltage regulator. There is a 12 ohm resister in series with the regulator, this resister act as a current limiter (both run hot).I emailed Icom and their response was to send it in for service. I have not noticed any operational defects (works fine). Has anyone else noticed if their receivers run warm after 30+minutes?

Dan

- In icomr75@y..., "Enrique A. Wembagher" <Eawemb@i...> wrote:
> Antoine,
> Your problem is not normal.
> You have "good ground" in your rx / PC ?
> Check all !!
>
> 73´s
> Enrique
>
>
> > -----Mensaje original-----
> > De: Antoine.bureau [mailto:antoine.bureau@n...]
> > Enviado el: Viernes, 16 de Agosto de 2002 06:07
> > Para: icomr75@y...
> > Asunto: [icomr75] serial connector temperature !
> >
> >
> > hello
> >
> >
> > i notice that serial connector became "hot" after 15 minutes
> > power on.do you
> > have the same "problem" is it dangerous ???
> >
> > you can constat by putting your finger "or lips !!!! "on serial
connector.
> >
> >
> > thanks
> >
> > Antoine
> >
> >
> >
> >

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http://docs.yahoo.com/info/terms/
> >
> >

2508. Re: Icom FL-103 9MHz (2.8kHz) Filter

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-09 17:13:27 UTC
From: R H F
Topic: 2501 Message: 2508

GN,

Can you give me a Link or any other 'reference' to this FL-102 Filter
use in other Icom Transceivers; that I can look-up and review?

~ RHF

- - - In icomr75@y..., "Gert Nilsson" <gert.nilsson@m...> wrote:
> The 6 kHz FL102 is used in several ICOM transceivers and is a
direct plug in for the R75.
> ----- Original Message -----
> From: R H F
> To: icomr75@y...
> Sent: Tuesday, October 08, 2002 11:12 PM
> Subject: [icomr75] Re: Icom FL-103 9MHz (2.8kHz) Filter
>
>
> LR,
>
> I looked in the manual and there is not FL-102 listed for the R75
is
> it used on another Icom RX? or TX? And will it work in the R75?
>
> There is a FL-257 (3.3kHz), but it is for the 455kHz 3RD IF.
>
> What I am looking for is a third filter for the 9MHz 2ND IF.
Would
> really like a 6kHz, but a 3.5-5kHz would do. Maybe when KIWA
gets
> relocated; I can pose the question of a 9MHz 2ND IF 6kHz Filter
to
> them. Or then again, INRAD may wish to take on the task.
>
> ~ RHF
>
> - - - In icomr75@y..., "LarryR" <nospam4russell@c...> wrote:
> > There is also a 3.3kHz filter, FL-102 I think, that works very
well
> > for ECSS, and gives you a little more bandwidth than the FL-
103. If
> > you're going to spend the money that would seem to be more
useful
> > since you already have the 2.4kHz filters.
>
>
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>
>
> [Non-text portions of this message have been removed]

2509. Re: [icomr75] Re: Icom FL-103 9MHz (2.8kHz) Filter

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-09 19:25:33 UTC
From: Gert Nilsson
Topic: 2501 Message: 2509

I don't know of any review but I know it is used in the IC765 tranceiver and I was recommended this filter by the a technician at the Swedish ICOM representative who has also in some way been involved with the construction of the R75. He told me it was hard to convince them that selectivity should be independent of mode and that the 69 MHz IF should be much tighter than the actually used. He also recommended me to switch the 2 pole x-tal filter ahead of the noiseblanker to a 6 kHz filter used in some tranceivers.
----- Original Message -----
From: R H F
To: icomr75@yahoogroups.com
Sent: Wednesday, October 09, 2002 5:13 PM
Subject: [icomr75] Re: Icom FL-103 9MHz (2.8kHz) Filter

GN,

Can you give me a Link or any other 'reference' to this FL-102 Filter
use in other Icom Transceivers; that I can look-up and review?

~ RHF

- - - In icomr75@y..., "Gert Nilsson" <gert.nilsson@m...> wrote:
> The 6 kHz FL102 is used in several ICOM transceivers and is a
direct plug in for the R75.
> ----- Original Message -----
> From: R H F
> To: icomr75@y...
> Sent: Tuesday, October 08, 2002 11:12 PM
> Subject: [icomr75] Re: Icom FL-103 9MHz (2.8kHz) Filter
>
>
> LR,
>
> I looked in the manual and there is not FL-102 listed for the R75
is
> it used on another Icom RX? or TX? And will it work in the R75?
>
> There is a FL-257 (3.3kHz), but it is for the 455kHz 3RD IF.
>
> What I am looking for is a third filter for the 9MHz 2ND IF.
Would
> really like a 6kHz, but a 3.5-5kHz would do. Maybe when KIWA
gets
> relocated; I can pose the question of a 9MHz 2ND IF 6kHz Filter
to
> them. Or then again, INRAD may wish to take on the task.
>
> ~ RHF

>
> - - - In icomr75@y..., "LarryR" <nospam4russell@c...> wrote:
> > There is also a 3.3kHz filter, FL-102 I think, that works very
well
> > for ECSS, and gives you a little more bandwidth than the FL-
103. If
> > you're going to spend the money that would seem to be more
useful
> > since you already have the 2.4kHz filters.
>
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[Non-text portions of this message have been removed]

2510. Free DSP Option until 12/31/02

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-11 07:45:59 UTC
From: R H F
Topic: 2510 Message: 2510

Has Icom re-offered the Free DSP Option with the purchase of the Icom IC-R75 ?

Check-Out the Universal Radio webpage for the Icom IC-R75:
http://www.universal-radio.com/catalog/commrxvr/0175.html
Free from ICOM: UT-106 DSP Option A $139.95 value! Valid to 12/31/02 with Icom R75 purchase.

~ RHF

2511. The Best Antennas... ?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-12 12:10:40 UTC
From: just_rtfm
Topic: 2511 Message: 2511

> Phil's wire 'round the room is an example of where
> coax would *not* help.

Eric is correct: moving the R75 away from my computer equipment was somewhat effective. the R75 is so sensitive that 50' of wire inside the house is a decent antenna signal-wise; however, the big problem still remains: household electrical noise. after spending some time reading up on antennas i came to the conclusion that the best indoor antennas are of loop design. loops are directional (moreso on MW than SW obviously) and loops respond to the magnetic component of radio waves as opposed to the electrical component (where most of the house generated noise resides). loops can be directional with regards to household noise: noise can be minimized or nulled. the result of using loops: quiet indoor reception. i now have both SW and MW loops.

here are my recommendations for SW reception:
outdoors with room: random wire
outdoors without room: wellbrook loop (or equivalent homebrew)
indoors: torus tuner loop (or equivalent homebrew)

http://www.wellbrook.uk.com/ALA330.html
http://www.torustuner.com.futuresite.register.com/_wsn/page2.html

here are my recommendations for MW reception:
outdoors with room: beverage array
outdoors without room: K9AY loop (or equivalent homebrew)
indoors: Quantum QX loop (or equivalent homebrew)

http://www.hard-core-dx.com/nordicdx/antenna/loop/k9ay/
http://www.dx-tools.com/QX.htm

this site has more information about loop antennas:
http://www.hard-core-dx.com/nordicdx/antenna/loop/index.html

i am not an expert on antennas so if you have better recommendations or comments, let them be known!

regards,
phil :)

2512. Re: The Best Antennas... ?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-12 14:12:10 UTC
From: R H F
Topic: 2511 Message: 2512

Some Thoughts On:
Full Room (Perimeter) Loop Antenna Options.

1. If you are running a Single Turn Full Room (Perimeter) Loop Antenna at or near ceiling level you can use 5-8 Feet of TV Twin Lead as a FeedLine to the R75's High-Z Terminals; vice using a piece of coax or speaker wire for the feedline.

2. A Two Turn Full Room Loop Antenna: One Turn at the ceiling level and One Turn at the floor level; with a Vertical Crossover Leg between the top and bottom loops. Again use TV Twin Lead as a FeedLine. Normally both loops in this set-up would run in the same direction. But if you have allot of Noise in this configuration try running the loops in opposite directions; sometimes this works to reduce noise.
NOTE: This two turn loop mite work well very with an Antenna Turner / Pre-Selector.

3. Adding a 390-Ohm Resistor in the Vertical Crossover Leg could transform this into an In-The-Room "T2FD" (BroadBand) of sorts. Or use a 5K Ohm Audio Taper Potentiometer to Adjustment for the "best" signal at various frequencies.

4. Another In-The-Room Loop Antenna Option is a "Whole Wall" Loop Antenna: Using one of the above set-ups in an attempt to gain some Directivity (N-S -or- E-W) with a Fixed Loop. These types of Whole Wall Loops can be made of a single wire, Speaker Wire, TV Twin Lead, or 3-5 Conductor Flat TV Rotor Cable.

~ RHF

- - - In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
>
> > Phil's wire 'round the room is an example of where
> > coax would *not* help.
>
> Eric is correct: moving the R75 away from my computer equipment was
> somewhat effective. the R75 is so sensitive that 50' of wire inside
> the house is a decent antenna signal-wise; however, the big problem
> still remains: household electrical noise. after spending some time
> reading up on antennas i came to the conclusion that the best
indoor
> antennas are of loop design. loops are directional (moreso on MW
than
> SW obviously) and loops respond to the magnetic component of radio
> waves as opposed to the electrical component (where most of the

house
> generated noise resides). loops can be directional with regards to
> household noise: noise can be minimized or nulled. the result of
> using loops: quiet indoor reception. i now have both SW and MW
loops.
>
> here are my recommendations for SW reception:
> outdoors with room: random wire
> outdoors without room: wellbrook loop (or equivalent homebrew)
> indoors: torus tuner loop (or equivalent homebrew)
>
> http://www.wellbrook.uk.com/ALA330.html
> http://www.torustuner.com.futuresite.register.com/_wsn/page2.html
>
> here are my recommendations for MW reception:
> outdoors with room: beverage array
> outdoors without room: K9AY loop (or equivalent homebrew)
> indoors: Quantum QX loop (or equivalent homebrew)
>
> http://www.hard-core-dx.com/nordicdx/antenna/loop/k9ay/
> http://www.dx-tools.com/QX.htm
>
> this site has more information about loop antennas:
> http://www.hard-core-dx.com/nordicdx/antenna/loop/index.html
>
> i am not an expert on antennas so if you have better
recommendations
> or comments, let them be known!
>
> regards,
> phil :)

2513. Newbie on R-75 Filters/Group

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-13 18:09:59 UTC
From: jmpickrelljr
Topic: 2513 Message: 2513

I have been reading the exchange on the R-75 filter settings with interest.

I am a Newbie to both the Group and the R-75 and while I've followed the questions/answers I'm not sure I understand everything I've read.

At this time I would like to know:

-what are the units represented by the numbers 2.4/15(KHz/MHz?),

-what would be "typical" settings for "normal" listening (mostly SWBC stations and periodically hams on sideband)and, finally,

-the manual does not seem to give recommendations (an observation).

Thanks,

John Pickrell
Punta Gorda, FL

2514. Re: Newbie on R-75 Filters/Group

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-13 19:20:33 UTC
From: just_rtfm
Topic: 2513 Message: 2514

hi John:

the filter bandwidths are in kHz... typical settings for SSB are 2.4 kHz & 2.4 kHz... and for AM are 15 kHz & 6 kHz. if you're new you may want to download my R75 Cookbook (PDF) in the files section under the directory named: 'Phil's Shack'.

phil :)

2515. Re: [icomr75] Re: Newbie on R-75 Filters/Group

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-13 23:59:36 UTC
From: John Pickrell
Topic: 2513 Message: 2515

Phil,

Thanks for the reply.

Let's walk the dummy through this:

BW AM SSB
N 9MHz 15KHz 2.4KHz
N 455KHz 6KHz 2.4KHz

9MHz -------- --------
455KHz -------- --------

W 9MHz -------- --------
W 455KHz -------- --------

Please fill in the blanks for me (if my my assumptions are wrong). This is my interpretation of the manual if I'm wrong , please correct me.

When I finish this email I'll go look at your file.

Thanks again.

John

----- Original Message -----
From: just_rtfm
To: icomr75@yahoogroups.com
Sent: Sunday, October 13, 2002 3:20 PM
Subject: [icomr75] Re: Newbie on R-75 Filters/Group

hi John:

the filter bandwidths are in kHz... typical settings for SSB are 2.4 kHz & 2.4 kHz... and for AM are 15 kHz & 6 kHz. if you're new you may want to download my R75 Cookbook (PDF) in the files section under the directory named: 'Phil's Shack'.

phil :)

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[Non-text portions of this message have been removed]

2516. Re: [icomr75] Re: Newbie on R-75 Filters/Group

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-14 02:28:54 UTC
From: John Pickrell
Topic: 2513 Message: 2516

Phil,

Since I sent the last email, I downloaded and read your "cookbook". I now understand the filter setup and, besides, there are some interesting tricks I plan to try out.

John
----- Original Message -----
From: just_rtfm
To: icomr75@yahoogroups.com
Sent: Sunday, October 13, 2002 3:20 PM
Subject: [icomr75] Re: Newbie on R-75 Filters/Group

hi John:

the filter bandwidths are in kHz... typical settings for SSB are 2.4
kHz & 2.4 kHz... and for AM are 15 kHz & 6 kHz. if you're new you may
want to download my R75 Cookbook (PDF) in the files section under the
directory named: 'Phil's Shack'.

phil :)

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[Non-text portions of this message have been removed]

2517. New In Band On Carrier (IBOC) Broadcasting Test on WOR 710 AM.

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-14 20:39:04 UTC
From: R H F
Topic: 2517 Message: 2517

Icom R75 Radio Owners:
? Do You Live in the WOR Broadcast Signal Area?
? Can You Hear the WOR Broadcast Signal?

WOR 710AM seems to be broadcasting a Second signal at 720AM.
This Signal sounds like Digital HASH.

Anyone in the WOR Broadcast Area have any reports on their 710 AM
Signal Quality?
Anyone in the WOR Broadcast Area have any reports on Adjacent Channel
Interference on 690, 700, 720 and 730 kHz.

HOW does the WOR Signal Sound on:
* AM ?
* AM-SYNC ?
* SSB ?

Does a Narrow Band Width Filter work on Reducing Adjacent Channel
Interference from IBOC?

There is a link asking for Listener FeedBack and Opinions:
http://www.wor710.com/Engineering/iboc/hdform.htm
Let WOR know what kind of Interference they are Generating on
Adjacent Channels from IBOC.

~ RHF

2518. Re: [icomr75] New In Band On Carrier (IBOC) Broadcasting Test on WOR 710 AM.

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-14 21:24:58 UTC
From: John Schneider
Topic: 2518 Message: 2518

RHF,

I live in Suffolk County, Long Island and I checked this out (R75 &
Alpha Delta DX-Sloper)

I would love nothing more than to corroborate you theory, but it seems
to me that the signal has become very wide. As I tune from 710 through
720 it appears as though there is just a continuation of the same
signal, without a break or distinctive change in modulation.

I will keep listening and let you know if I hear anything different.

John Schneider

R H F wrote:

> Icom R75 Radio Owners:
> ? Do You Live in the WOR Broadcast Signal Area?
> ? Can You Hear the WOR Broadcast Signal?
>
> WOR 710AM seems to be broadcasting a Second signal at 720AM.
> This Signal sounds like Digital HASH.
>
> Anyone in the WOR Broadcast Area have any reports on their 710 AM
> Signal Quality?
> Anyone in the WOR Broadcast Area have any reports on Adjacent Channel
> Interference on 690, 700, 720 and 730 kHz.
>
> HOW does the WOR Signal Sound on:
> * AM ?
> * AM-SYNC ?
> * SSB ?
>
> Does a Narrow Band Width Filter work on Reducing Adjacent Channel
> Interference from IBOC?
>
> There is a link asking for Listener FeedBack and Opinions:
> http://www.wor710.com/Engineering/iboc/hdform.htm
> Let WOR know what kind of Interference they are Generating on
> Adjacent Channels from IBOC.
>
> ~ RHF
>
>
>

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>
> <http://rd.yahoo.com/M=212804.2460941.3878106.2225242/D=egroupweb/S=1705063108:HM/A=810327/R=1/*http://geocities.yahoo.com/ps/info?.refer=blrecs>
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service
> <http://docs.yahoo.com/info/terms/>.

[Non-text portions of this message have been removed]

2519. Fw: [MWOZ] Motorola Debuts Digital Radio

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-15 01:37:53 UTC
From: Ian Johnson
Topic: 2519 Message: 2519

This message from the MWOZ mail list may help to explain things......
----- Original Message -----
From: "Patrick Martin" <mwdxer@...>
To: <mwoz@...>
Sent: Monday, October 14, 2002 8:17 PM
Subject: Re: [MWOZ] Motorola Debuts Digital Radio

> Dave;
>
> Yes indeed the FCC is adopting IBOC over hear. At least they are testing
> it. We are hoping it does not get in use and there is terrible "white
> noise" 10 kHz from the IBOC station. I heard IBOC tested in Seattle
> recently at the National Association of Broadcasters convention. They
> were testing IBOC on KIXI-880-Seattle and the noise on 890 and 870 was
> terrible. If this is adopted, there is a good chance DXing will be
> ruined in North America.
>
> 73s,
>
> Patrick Martin
> Seaside OR
> KAVT Reception Manager
>
> Australian MW Group Web Site:
> http://home.iprimus.com.au/onleydw/mwoz/
> This message has been sent via the Australian Mediumwave group. The
primary aim of the group is to share news, loggings, QSL info for MW. It is
also here to discuss technical related issues.
>
> ==^==
> This email was sent to: ianjohnno@...
>
> EASY UNSUBSCRIBE click here: http://topica.com/u/?a2iSJS.a2lx7c
> Or send an email to: mwoz-unsubscribe@...
>
> T O P I C A -- Register now to manage your mail!
> http://www.topica.com/partner/tag02/register
> ==^==
>

2520. Re: New In Band On Carrier (IBOC) Broadcasting Test on WOR 710 AM.

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-15 07:58:27 UTC
From: R H F
Topic: 2518 Message: 2520

JS,

Thanks for the receiver and antenna information.

? Before IBOC, did WOR's Signal extend across two AM Broadcast
Channels from 710kHz to 720kHz?

? Is WOR's Signal Strength and Audio Quality at 710kHz and 720kHz the
same?

~ RHF

- - - In icomr75@y..., John Schneider <thecop@o...> wrote:
> RHF,
>
> I live in Suffolk County, Long Island and I checked this out (R75 &
> Alpha Delta DX-Sloper)
>
> I would love nothing more than to corroborate you theory, but it
seems
> to me that the signal has become very wide. As I tune from 710
through
> 720 it appears as though there is just a continuation of the same
> signal, without a break or distinctive change in modulation.
>
> I will keep listening and let you know if I hear anything different.
>
> John Schneider
>
> R H F wrote:
>
> > Icom R75 Radio Owners:
> > ? Do You Live in the WOR Broadcast Signal Area?
> > ? Can You Hear the WOR Broadcast Signal?
> >
> > WOR 710AM seems to be broadcasting a Second signal at 720AM.
> > This Signal sounds like Digital HASH.
> >
> > Anyone in the WOR Broadcast Area have any reports on their 710 AM
> > Signal Quality?
> > Anyone in the WOR Broadcast Area have any reports on Adjacent
Channel
> > Interference on 690, 700, 720 and 730 kHz.
> >
> > HOW does the WOR Signal Sound on:
> > * AM ?

> > * AM-SYNC ?
> > * SSB ?
> >
> > Does a Narrow Band Width Filter work on Reducing Adjacent Channel
> > Interference from IBOC?
> >
> > There is a link asking for Listener FeedBack and Opinions:
> > http://www.wor710.com/Engineering/iboc/hdform.htm
> > Let WOR know what kind of Interference they are Generating on
> > Adjacent Channels from IBOC.
> >
> > ~ RHF
> >
> >
> >
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05063108:HM/A=810327/R=0/*http://geocities.yahoo.com/ps/info?.refer=bl
recs>
> >
> >
<http://rd.yahoo.com/M=212804.2460941.3878106.2225242/D=egroupweb/S=17
05063108:HM/A=810327/R=1/*http://geocities.yahoo.com/ps/info?.refer=bl
recs>
> >
> >
> >
> > To unsubscribe from this group, send an email to:
> > icomr75-unsubscribe@e...
> >
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> >
> > Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service
> > <http://docs.yahoo.com/info/terms/>.
>
>
>
>
> [Non-text portions of this message have been removed]

2521. Re: New In Band On Carrier (IBOC) Broadcasting Test on WOR 710 AM.

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-15 08:07:45 UTC
From: R H F
Topic: 2518 Message: 2521

JS,

Sorry for the second follow-up questions.

? Have you used the AM-SYNC Mode at both 710kHz and 720kHz?
- What was the Audio Quality Like?

? Have you used the USB & LSB Modes at both 710kHz and 720kHz?
- What was the Audio Quality Like?

What about the Effectiveness of a Narrow Band Width Filter on both:
* 710kHz - What was the Audio Quality Like?
* 720kHz - What was the Audio Quality Like?

~ RHF

- - - In icomr75@y..., "R H F" <rhf-mail@u...> wrote:
> JS,
>
> Thanks for the receiver and antenna information.
>
> ? Before IBOC, did WOR's Signal extend across two AM Broadcast
> Channels from 710kHz to 720kHz?
>
> ? Is WOR's Signal Strength and Audio Quality at 710kHz and 720kHz
the
> same?
>
> ~ RHF
>
> - - - In icomr75@y..., John Schneider <thecop@o...> wrote:
> > RHF,
> >
> > I live in Suffolk County, Long Island and I checked this out (R75
&
> > Alpha Delta DX-Sloper)
> >
> > I would love nothing more than to corroborate you theory, but it
> seems
> > to me that the signal has become very wide. As I tune from 710
> through
> > 720 it appears as though there is just a continuation of the same
> > signal, without a break or distinctive change in modulation.
> >
> > I will keep listening and let you know if I hear anything
different.

> >
> > John Schneider
> >
> > R H F wrote:
> >
> > > Icom R75 Radio Owners:
> > > ? Do You Live in the WOR Broadcast Signal Area?
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AM
> > > Signal Quality?
> > > Anyone in the WOR Broadcast Area have any reports on Adjacent
> Channel
> > > Interference on 690, 700, 720 and 730 kHz.
> > >
> > > HOW does the WOR Signal Sound on:
> > > * AM ?
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> > >
> > > Does a Narrow Band Width Filter work on Reducing Adjacent
Channel
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> > >
> > > There is a link asking for Listener FeedBack and Opinions:
> > > http://www.wor710.com/Engineering/iboc/hdform.htm
> > > Let WOR know what kind of Interference they are Generating on
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> > >
> > > ~ RHF
> > >
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>
<http://rd.yahoo.com/M=212804.2460941.3878106.2225242/D=egroupweb/S=17
>
05063108:HM/A=810327/R=0/*http://geocities.yahoo.com/ps/info?.refer=bl
> recs>
> > >
> > >
>
<http://rd.yahoo.com/M=212804.2460941.3878106.2225242/D=egroupweb/S=17
>

05063108:HM/A=810327/R=1/*http://geocities.yahoo.com/ps/info?.refer=bl
> recs>
> > >
> > >
> > >
> > > To unsubscribe from this group, send an email to:
> > > icomr75-unsubscribe@e...
> > >
> > >
> > >
> > > Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service
> > > <http://docs.yahoo.com/info/terms/>.
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]

2522. Re: New In Band On Carrier (IBOC) Broadcasting Test on WOR 710 AM.

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-15 17:07:34 UTC
From: LarryR
Topic: 2518 Message: 2522

For what it's worth, this website says that IBOC AM broadcasts will only be permitted in the daytime.

http://members.cox.net/fmdxweb/iboc.html

2523. Re: New In Band On Carrier (IBOC) Broadcasting Test on WOR 710 AM.

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-15 19:23:03 UTC
From: R H F
Topic: 2518 Message: 2523

LR,

You are Correct.

These Reports should ONLY be for 'Day Time' Reception of WOR 710kHz.

Plus any 'Day Time' Interference of the Adjacent Channels:
690kHz; 700kHz; 720kHz; and 730kHz.

Using the Icom R75.

~ RHF

- - - In icomr75@y..., "LarryR" <nospam4russell@c...> wrote:
> For what it's worth, this website says that IBOC AM broadcasts will
> only be permitted in the daytime.
>
> http://members.cox.net/fmdxweb/iboc.html

2524. Re: Icom FL-103 9MHz (2.8kHz) Filter

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-15 21:22:22 UTC
From: manabu662001
Topic: 2501 Message: 2524

--- In icomr75@y..., "R H F" <rhf-mail@u...> wrote:
> GN,
>
> Can you give me a Link or any other 'reference' to this FL-102
Filter
> use in other Icom Transceivers; that I can look-up and review?
>
> ~ RHF

Hello,

Please see No.2099.
FL-102 is available for IC-R75, and easily installable.
But,There are some problems already mentioned at No.2099.

Manabu Doi, a SWL in Japan

2525. Icom's New Transceiver

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-16 15:13:04 UTC
From: payman_a
Topic: 2525 Message: 2525

From rec.radio.shortwave.

Icom has a new transceiver: IC-703.

Links:

http://www.icom.co.jp/world/info/ic-703/

http://www.archi.is.tohoku.ac.jp/~ooba/ja7ude/hamfair2002/index.htm

http://www.onjapan.net/2002/hamfair/

2526. PBT vs Selectable Synch?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-17 02:48:17 UTC
From: Dana Placzek
Topic: 2526 Message: 2526

Hello everyone,

I am thinking about buying the R75 and have joined your group as part of my research.

The one feature lacking, as far as I can tell, is a selectable synchronous sideband. Yet, it looks like the passband tuning will accomplish the same thing, as far as eliminating interference on adjacent frequencies? What about fading - does the AGC take care of this?

Every review I've read says that the Synchronous-AM mode doesn't really work well - is this true? Also, the manual (compliments of you all - thanks) says that the notch filter only works in SSB. Is this a big handicap? (I'm not quite sure what a notch filter does. This is another hesitation to buting this radio - it has a lot of features I'm not sure how to use. It may be overkill. But still, looks like one cool radio.)

Thanks,

Dana

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2528. RE: [icomr75] Re: PBT vs Selectable Synch?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-17 13:51:08 UTC
From: Gordon Hagewood
Topic: 2526 Message: 2528

I certainly concur with Peter's assessment. I look at the R75's features and ability to "tweak" as a real plus and you'll be using these capabilities to pull signals out of the noise as well as many more expensive comms receivers. Using Phil's Cookbook will help ensure you get a lot out of this rig and have some fun learning about SWL. Here's a link so you can take a look:

http://groups.yahoo.com/group/icomr75/files/Phil%27s%20Shack/CookBk11.pdf

Gordon

-----Original Message-----
From: ptrlampione [mailto:lucada@...]
Sent: Thursday, October 17, 2002 4:26 AM
To: icomr75@yahoogroups.com
Subject: [icomr75] Re: PBT vs Selectable Synch?

--- In icomr75@y..., Dana Placzek <celticdude_2000@y...> wrote:
> Hello everyone,
>
> I am thinking about buying the R75 and have joined
> your group as part of my research.
>
> The one feature lacking, as far as I can tell, is a
> selectable synchronous sideband. Yet, it looks like
> the passband tuning will accomplish the same thing, as
> far as eliminating interference on adjacent
> frequencies? What about fading - does the AGC take
> care of this?

Synchronous detection is supposed to take care of _selective_ fading:
when the carrier is attenuated more than the sidebands.

At any rate: the R75 is exceptionally stable.
To eliminate interference, you simply switch to SSB
mode, selecting between LSB and USB.
On most radios this works poorly, because the frequency
stability is not great, so that you have to fine-tune the frequency.
On the R75, most often you simply need to press the SSB button;
no retune is necessary. My R75 is off by only 10 Hz!
In other words, on such a stable radio, synch detection
is not very important.
You can use passband tuning to further trim a sideband, and
reduce interference, but I do not need to do this often.

In general, I have found the R75 to behave exceptionally well
in presence of fading (much better than the Palstar, for
instance).

The AGC in AM mode instead doesn't work well.
You can send the radio to Kiwa to fix for $35, or you
can fix it yourself with 1 capacitor and a bit of soldering.
I feel this is an important fix.

>
> Every review I've read says that the Synchronous-AM
> mode doesn't really work well - is this true?

The truth is that you don't need Synch AM.
I had it fixed, and now I find I never use it.
See above.

> Also,
> the manual (compliments of you all - thanks) says that
> the notch filter only works in SSB. Is this a big
> handicap? (I'm not quite sure what a notch filter
> does.

Notch filter works in all modes - it's an error in the manual.
The notch filter eliminates "whistles" (sounds with a single
frequency component).

Peter

> This is another hesitation to buting this radio
> - it has a lot of features I'm not sure how to use.
> It may be overkill. But still, looks like one cool
> radio.)
>
> Thanks,
>
> Dana
>
>
> ~~~~~~
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063108:HM/A=810327/R=1/*http:/geocities.yahoo.com/ps/info?.refer=blrecs>

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[Non-text portions of this message have been removed]

2529. Re: [icomr75] Re: PBT vs Selectable Synch?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-17 14:26:37 UTC
From: John Barnett
Topic: 2526 Message: 2529

Hello Gordon,
Tried the link below and Yahoo tells me " The requested file or
directory is not found on the server." are you sure of this file. :-)

Gordon Hagewood wrote:

>I certainly concur with Peter's assessment. I look at the R75's
>
>features and ability to "tweak" as a real plus and you'll be using these
>capabilities to pull signals out of the noise as well as many more
>expensive comms receivers. Using Phil's Cookbook will help ensure you
>get a lot out of this rig and have some fun learning about SWL. Here's
>a link so you can take a look:
>
>
>
>http://groups.yahoo.com/group/icomr75/files/Phil%27s%20Shack/CookBk11.pd
>f
>
>
>
>Gordon
>
>
>
>-----Original Message-----
>From: ptrlampione [mailto:lucada@...]
>Sent: Thursday, October 17, 2002 4:26 AM
>To: icomr75@yahoogroups.com
>Subject: [icomr75] Re: PBT vs Selectable Synch?
>
>
>
>--- In icomr75@y..., Dana Placzek <celticdude_2000@y...> wrote:
>
>
>>Hello everyone,
>>
>>I am thinking about buying the R75 and have joined
>>your group as part of my research.
>>
>>The one feature lacking, as far as I can tell, is a
>>selectable synchronous sideband. Yet, it looks like
>>the passband tuning will accomplish the same thing, as
>>far as eliminating interference on adjacent

>>frequencies? What about fading - does the AGC take
>>care of this?
>>
>>
>
>Synchronous detection is supposed to take care of _selective_ fading:
>when the carrier is attenuated more than the sidebands.
>
>At any rate: the R75 is exceptionally stable.
>To eliminate interference, you simply switch to SSB
>mode, selecting between LSB and USB.
>On most radios this works poorly, because the frequency
>stability is not great, so that you have to fine-tune the frequency.
>On the R75, most often you simply need to press the SSB button;
>no retune is necessary. My R75 is off by only 10 Hz!
>In other words, on such a stable radio, synch detection
>is not very important.
>You can use passband tuning to further trim a sideband, and
>reduce interference, but I do not need to do this often.
>
>In general, I have found the R75 to behave exceptionally well
>in presence of fading (much better than the Palstar, for
>instance).
>
>The AGC in AM mode instead doesn't work well.
>You can send the radio to Kiwa to fix for $35, or you
>can fix it yourself with 1 capacitor and a bit of soldering.
>I feel this is an important fix.
>
>
>
>>Every review I've read says that the Synchronous-AM
>>mode doesn't really work well - is this true?
>>
>>
>
>The truth is that you don't need Synch AM.
>I had it fixed, and now I find I never use it.
>See above.
>
>
>
>>Also,
>>the manual (compliments of you all - thanks) says that
>>the notch filter only works in SSB. Is this a big
>>handicap? (I'm not quite sure what a notch filter
>>does.
>>
>>
>

>Notch filter works in all modes - it's an error in the manual.
>The notch filter eliminates "whistles" (sounds with a single
>frequency component).
>
>Peter
>
>
>
>>This is another hesitation to buting this radio
>>- it has a lot of features I'm not sure how to use.
>>It may be overkill. But still, looks like one cool
>>radio.)
>>
>>Thanks,
>>
>>Dana
>>
>>
>>_____
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><http://us.adserver.yahoo.com/l?M=212804.2460941.3878106.2273195/D=egrou
>pmail/S=:HM/A=810327/rand=879397652>
>
>
>To unsubscribe from this group, send an email to:
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>
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><http://docs.yahoo.com/info/terms/> Terms of Service.
>
>
>
>[Non-text portions of this message have been removed]
>
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>
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>
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>
>

2530. Re: [icomr75] Re: PBT vs Selectable Synch?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-17 15:43:58 UTC
From: Moxie3
Topic: 2526 Message: 2530

John,
I got the same thing. But when you receive that message, you need to go further a bit further. Click on "files" on the left, then click on Phil's latest cookbook dated last month. It's really great.
George
----- Original Message -----
From: John Barnett
To: icomr75@yahoogroups.com
Sent: Thursday, October 17, 2002 9:26 AM
Subject: Re: [icomr75] Re: PBT vs Selectable Synch?

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Gordon Hagewood wrote:

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>http://groups.yahoo.com/group/icomr75/files/Phil%27s%20Shack/CookBk11.pd
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>
>
>Gordon
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>From: ptrlampione [mailto:lucada@...]
>Sent: Thursday, October 17, 2002 4:26 AM
>To: icomr75@yahoogroups.com
>Subject: [icomr75] Re: PBT vs Selectable Synch?
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>
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>--- In icomr75@y..., Dana Placzek <celticdude_2000@y...> wrote:
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>>
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>>your group as part of my research.
>>
>>The one feature lacking, as far as I can tell, is a
>>selectable synchronous sideband. Yet, it looks like
>>the passband tuning will accomplish the same thing, as
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>>frequencies? What about fading - does the AGC take
>>care of this?
>>
>>
>
>Synchronous detection is supposed to take care of _selective_ fading:
>when the carrier is attenuated more than the sidebands.
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>To eliminate interference, you simply switch to SSB
>mode, selecting between LSB and USB.
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>stability is not great, so that you have to fine-tune the frequency.
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>no retune is necessary. My R75 is off by only 10 Hz!
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>is not very important.
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>You can send the radio to Kiwa to fix for $35, or you
>can fix it yourself with 1 capacitor and a bit of soldering.
>I feel this is an important fix.
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>>mode doesn't really work well - is this true?
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>>radio.)
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>>Thanks,
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>>Dana
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>>_____
>>Do you Yahoo!?
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2531. RE: [icomr75] Re: PBT vs Selectable Synch?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-17 15:13:12 UTC
From: Dana Placzek
Topic: 2526 Message: 2531

Gordon wrote: Using Phil's Cookbook will help ensure
you get a lot out of this rig and have some fun
learning about SWL. Here's a link so you can take a
look:

Gordon,

Thanks, I printed out a copy and will read thru it.

As far as comments about the link, I note that the
"hot link" chops off the 'f' at the end. This is a
quirk of the way the message wraps. Not sure of the
solution. I usually put in the HTML tags manually,
then check "Allow HTML tags".

Also, as far as the R75 pdf files go, I can't get at
them at home, but have no problem with them at work.
The only difference I know of is that at work I have
Acrobat v4, while at home I have v5. The error
message I get at home is "Unable to initialize
plug-in". Any ideas on how to fix this?

Dana

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2532. live Icom R75 stream - question about UT-102 speech synthesizer...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-17 15:35:32 UTC
From: the_muddy_mudskipper
Topic: 2532 Message: 2532

i wanted to share an annoying, but interesting live audio broadcast of my ICOM R75 scanning local CB Frequencies on the web...

http://www.shoutcast.com/directory/?s=san+antonio&numresult=25

if you tune my CB Scanner in San Antonio, you will most likely hear the following:

Channel 1 Local community calling and working (rare)
Channel 6 High power illegal activity (very common)
Channel 7 Local community calling and working (unlikely - mostly bleed from Channel 6)
Channel 17 North/South freeway traffic and trucks (nonexistent in my area)
Channel 19 East/West traffic and trucks ("hum" during daytime, good conversations at night)
Channel 30 and above SSB (some CQ activity on 36-39 near eve's)

my "CB Scanner" is an Icom R75 hooked up to a Mini Windom longwire.

the channels are programmed as follows:

26.965 Ch. 1 AM
26.975 Ch. 2 AM
26.985 Ch. 3 AM
27.005 Ch. 4 AM
27.015 Ch. 5 AM
27.025 Ch. 6 AM
27.035 Ch. 7 AM
27.055 Ch. 8 AM
27.065 Ch. 9 AM
27.075 Ch. 10 AM
27.085 Ch. 11 AM
27.105 Ch. 12 AM
27.115 Ch. 13 AM
27.125 Ch. 14 AM
27.135 Ch. 15 AM
27.155 Ch. 16 AM
27.165 Ch. 17 AM
27.175 Ch. 18 AM
27.185 Ch. 19 AM
27.205 Ch. 20 AM
27.215 Ch. 21 AM
27.225 Ch. 22 AM
27.255 Ch. 23 AM
27.235 Ch. 24 AM

27.245 Ch. 25 AM
27.265 Ch. 26 AM
27.275 Ch. 27 AM
27.285 Ch. 28 AM
27.295 Ch. 29 AM
27.305 Ch. 30 LSB
27.315 Ch. 31 LSB
27.325 Ch. 32 LSB
27.335 Ch. 33 LSB
27.345 Ch. 34 LSB
27.355 Ch. 35 LSB
27.365 Ch. 36 LSB
27.375 Ch. 37 LSB
27.385 Ch. 38 LSB
27.395 Ch. 39 LSB
27.405 Ch. 40 LSB

i wanted to know if using the UT-102 speech synthesizer will actually allow me to hear the frequency, etc as the squelch breaks...?

obviously, the goal is to have the channel, frequency, etc spoken through the shoutcast stream - and while i'm sure it will be annoying, it will pave the way for better streams (like true DX from tropical bands, overseas, etc...)

thanks for reading.

2533. Re: [icomr75] Re: PBT vs Selectable Synch?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-17 17:20:35 UTC
From: John Barnett
Topic: 2526 Message: 2533

Hi,
Now I am getting the file is not readable or not an acrobat file.

Moxie3 wrote:

>John,
>I got the same thing. But when you receive that message, you need to go further a bit further. Click on "files" on the left, then click on Phil's latest cookbook dated last month. It's really great.
>George
> ----- Original Message -----
> From: John Barnett
> To: icomr75@yahoogroups.com
> Sent: Thursday, October 17, 2002 9:26 AM
> Subject: Re: [icomr75] Re: PBT vs Selectable Synch?
>
>
> Hello Gordon,
> Tried the link below and Yahoo tells me " The requested file or
> directory is not found on the server." are you sure of this file. :-)
>
>
>
> Gordon Hagewood wrote:
>
> >I certainly concur with Peter's assessment. I look at the R75's
> >
> >features and ability to "tweak" as a real plus and you'll be using these
> >capabilities to pull signals out of the noise as well as many more
> >expensive comms receivers. Using Phil's Cookbook will help ensure you
> >get a lot out of this rig and have some fun learning about SWL. Here's
> >a link so you can take a look:
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> >
> >http://groups.yahoo.com/group/icomr75/files/Phil%27s%20Shack/CookBk11.pd
> >f
> >
> >
> >
> >Gordon
> >
> >
> >
> >-----Original Message-----

> >From: ptrlampione [mailto:lucada@...]
> >Sent: Thursday, October 17, 2002 4:26 AM
> >To: icomr75@yahoogroups.com
> >Subject: [icomr75] Re: PBT vs Selectable Synch?
> >
> >
> >
> >--- In icomr75@y..., Dana Placzek <celticdude_2000@y...> wrote:
> >
> >
> >>Hello everyone,
> >>
> >>I am thinking about buying the R75 and have joined
> >>your group as part of my research.
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> >>The one feature lacking, as far as I can tell, is a
> >>selectable synchronous sideband. Yet, it looks like
> >>the passband tuning will accomplish the same thing, as
> >>far as eliminating interference on adjacent
> >>frequencies? What about fading - does the AGC take
> >>care of this?
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> >Synchronous detection is supposed to take care of _selective_ fading:
> >when the carrier is attenuated more than the sidebands.
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> >At any rate: the R75 is exceptionally stable.
> >To eliminate interference, you simply switch to SSB
> >mode, selecting between LSB and USB.
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> >is not very important.
> >You can use passband tuning to further trim a sideband, and
> >reduce interference, but I do not need to do this often.
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> >The truth is that you don't need Synch AM.
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2534.
http://groups.yahoo.com/group/icomr75/files/Phil%27s%20Shack/CookBk11.pdf

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-17 18:16:47 UTC
From: Gordon Hagewood
Topic: 2526 Message: 2534

Try the link in the subject line that has the "f" in pdf which wrapped
to next line in the earlier message.

-----Original Message-----
From: John Barnett [mailto:john@...]
Sent: Thursday, October 17, 2002 1:21 PM
To: icomr75@yahoogroups.com
Subject: Re: [icomr75] Re: PBT vs Selectable Synch?

Hi,
Now I am getting the file is not readable or not an acrobat file.

Moxie3 wrote:

>John,
>I got the same thing. But when you receive that message, you need to
go further a bit further. Click on "files" on the left, then click on
Phil's latest cookbook dated last month. It's really great.
>George
> ----- Original Message -----
> From: John Barnett
> To: icomr75@yahoogroups.com
> Sent: Thursday, October 17, 2002 9:26 AM
> Subject: Re: [icomr75] Re: PBT vs Selectable Synch?
>
>
> Hello Gordon,
> Tried the link below and Yahoo tells me " The requested file
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> directory is not found on the server." are you sure of this file.
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> Gordon Hagewood wrote:
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> >a link so you can take a look:
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> >f
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> >
> >Gordon
> >
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> >
> >-----Original Message-----
> >From: ptrlampione [mailto:lucada@...]
> >Sent: Thursday, October 17, 2002 4:26 AM
> >To: icomr75@yahoogroups.com
> >Subject: [icomr75] Re: PBT vs Selectable Synch?
> >
> >
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> >--- In icomr75@y..., Dana Placzek <celticdude_2000@y...> wrote:
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[Non-text portions of this message have been removed]

2535. Re: S-AM on R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-17 19:33:13 UTC
From: Leigh Hanlon
Topic: 2535 Message: 2535

Dana asks << Every review I've read says that the Synchronous-AM mode doesn't really work well -- is this true? >>

Dana,

Afraid so. On my unmodified IC-R75, S-AM has never made much of a difference that I can tell.

When I sent a recent e-mail query to Icom's tech support regarding this issue, their explanation was that S-AM corrects signal fading by reinserting a synchronized portion of a wave back into a fading portion of a carrier. When I wrote back and said I never noticed any difference whether S-AM was on or off, and asked if I had to do anything other than press the S-AM button, I was told that nope, just press the button. But they were emphatic in reiterating that it must be a fading signal.

Aside from the S-AM issue, I'm satisfied with my R75. What annoys me is how Icom persists in advertising this "feature."

Leigh Hanlon
Chicago, USA

2536. Re: PBT vs Selectable Synch?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-17 23:07:16 UTC
From: just_rtfm
Topic: 2526 Message: 2536

hi Dana:

my detuning trick is a type of selectable synchronous sideband. here is how it works: lets say you want 600 kHz AM but the LSB part is full of noise. what you do is select the dual 2.4 kHz filters and tune upward 1.2 kHz (half the filter value)... to 601.2 kHz. what this does is only allow passage of the carrier (for synchronization) and the upper sideband (the clean one)... the LSB is chopped off. [to isolate the LSB you would subtract 1.2 kHz... tuning to 598.8 kHz]

from the factory the radio is EXCELLENT on SSB. remember, you can tune to any AM station using SSB (a process called ECSS tuning). if you really want this radio to shine on AM i suggest sending the unit to Kiwa for their Sync-AM and AM-AGC mods... the cost: $35. the notch does work on AM but sometimes slight detuning helps the unit get rid of the heterodyne completely.

as far as radios go they all have flaws. the R75 has two big flaws that (fortunately) take only $35 to fix. if they were not present the radio would probably sell for much more. after the Kiwa mod the radio is excellent on AM and SSB... and has many features over the competitors including: 1 Hz tuning steps, stable PLL, two pre-amps, 30-60 MHz coverage, twin PBT, good noise blanker, DSP noise reduction, DSP automatic notch filter, optional, 0.16 uV sensitivity, optional filter slots, decent tuning knob, bright and sharp display, etc. fixing or adding these features to the competitors' rigs would cost a fortune... this is what sold me. the rest of the equation is the antenna.

regards,
phil :)

ps i will look into what is causing trouble with my pdf files not being viewable. in the past people had to download the latest acrobat (they had old versions that did not work).

2537. New file uploaded to icomr75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-17 23:49:52 UTC
From: icomr75@yahoogroups.com
Topic: 242 Message: 2537

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the icomr75
group.

File : /R75 XL manager/R75_XL_manager_v0.2.zip
Uploaded by : sp500dogtrainer <ishapiro@...>
Description : I use the thing so much I have updated it. I now read the ok messages from the radio, Antenna is now selectable per channel. I will be adding read from radio shortly

You can access this file at the URL

http://groups.yahoo.com/group/icomr75/files/R75%20XL%20manager/R75_XL_manager_v0.2.zip

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

sp500dogtrainer <ishapiro@...>

2538. Re: live Icom R75 stream - question about UT-102 speech synthesizer...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-17 23:52:45 UTC
From: Jim Hackett
Topic: 2532 Message: 2538

On my R75, the only way to hear the speech is to press the "lock"
button.

--- In icomr75@y..., "the_muddy_mudskipper" <varelah@u...> wrote:
> i wanted to share an annoying, but interesting live audio
broadcast of
> my ICOM R75 scanning local CB Frequencies on the web...
>
> http://www.shoutcast.com/directory/?s=san+antonio&numresult=25
>
> if you tune my CB Scanner in San Antonio, you will most likely hear
> the following:
>
> Channel 1 Local community calling and working (rare)
> Channel 6 High power illegal activity (very common)
> Channel 7 Local community calling and working (unlikely - mostly
> bleed from Channel 6)
> Channel 17 North/South freeway traffic and trucks (nonexistent in
my
> area)
> Channel 19 East/West traffic and trucks ("hum" during daytime, good
> conversations at night)
> Channel 30 and above SSB (some CQ activity on 36-39 near eve's)
>
> my "CB Scanner" is an Icom R75 hooked up to a Mini Windom longwire.
>
> the channels are programmed as follows:
>
> 26.965 Ch. 1 AM
> 26.975 Ch. 2 AM
> 26.985 Ch. 3 AM
> 27.005 Ch. 4 AM
> 27.015 Ch. 5 AM
> 27.025 Ch. 6 AM
> 27.035 Ch. 7 AM
> 27.055 Ch. 8 AM
> 27.065 Ch. 9 AM
> 27.075 Ch. 10 AM
> 27.085 Ch. 11 AM
> 27.105 Ch. 12 AM
> 27.115 Ch. 13 AM
> 27.125 Ch. 14 AM
> 27.135 Ch. 15 AM
> 27.155 Ch. 16 AM
> 27.165 Ch. 17 AM

> 27.175 Ch. 18 AM
> 27.185 Ch. 19 AM
> 27.205 Ch. 20 AM
> 27.215 Ch. 21 AM
> 27.225 Ch. 22 AM
> 27.255 Ch. 23 AM
> 27.235 Ch. 24 AM
> 27.245 Ch. 25 AM
> 27.265 Ch. 26 AM
> 27.275 Ch. 27 AM
> 27.285 Ch. 28 AM
> 27.295 Ch. 29 AM
> 27.305 Ch. 30 LSB
> 27.315 Ch. 31 LSB
> 27.325 Ch. 32 LSB
> 27.335 Ch. 33 LSB
> 27.345 Ch. 34 LSB
> 27.355 Ch. 35 LSB
> 27.365 Ch. 36 LSB
> 27.375 Ch. 37 LSB
> 27.385 Ch. 38 LSB
> 27.395 Ch. 39 LSB
> 27.405 Ch. 40 LSB
>
>
> i wanted to know if using the UT-102 speech synthesizer will
actually
> allow me to hear the frequency, etc as the squelch breaks...?
>
> obviously, the goal is to have the channel, frequency, etc spoken
> through the shoutcast stream - and while i'm sure it will be
annoying,
> it will pave the way for better streams (like true DX from tropical
> bands, overseas, etc...)
>
> thanks for reading.

2539. Re: [icomr75] Re: PBT vs Selectable Synch?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-18 01:32:16 UTC
From: Moxie3
Topic: 2526 Message: 2539

Phil,
Will the Kiwa mod void the Icom warranty? And who is Kiwa?
George
----- Original Message -----
From: just_rtfm
To: icomr75@yahoogroups.com
Sent: Thursday, October 17, 2002 6:07 PM
Subject: [icomr75] Re: PBT vs Selectable Synch?

hi Dana:

my detuning trick is a type of selectable synchronous sideband. here is how it works: lets say you want 600 kHz AM but the LSB part is full of noise. what you do is select the dual 2.4 kHz filters and tune upward 1.2 kHz (half the filter value)... to 601.2 kHz. what this does is only allow passage of the carrier (for synchronization) and the upper sideband (the clean one)... the LSB is chopped off. [to isolate the LSB you would subtract 1.2 kHz... tuning to 598.8 kHz]

from the factory the radio is EXCELLENT on SSB. remember, you can tune to any AM station using SSB (a process called ECSS tuning). if you really want this radio to shine on AM i suggest sending the unit to Kiwa for their Sync-AM and AM-AGC mods... the cost: $35. the notch does work on AM but sometimes slight detuning helps the unit get rid of the heterodyne completely.

as far as radios go they all have flaws. the R75 has two big flaws that (fortunately) take only $35 to fix. if they were not present the radio would probably sell for much more. after the Kiwa mod the radio is excellent on AM and SSB... and has many features over the competitors including: 1 Hz tuning steps, stable PLL, two pre-amps, 30-60 MHz coverage, twin PBT, good noise blanker, DSP noise reduction, DSP automatic notch filter, optional, 0.16 uV sensitivity, optional filter slots, decent tuning knob, bright and sharp display, etc. fixing or adding these features to the competitors' rigs would cost a fortune... this is what sold me. the rest of the equation is the antenna.

regards,
phil :)

ps i will look into what is causing trouble with my pdf files not being viewable. in the past people had to download the latest acrobat (they had old versions that did not work).

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[Non-text portions of this message have been removed]

2540. Re: PBT vs Selectable Synch?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-18 02:39:04 UTC
From: just_rtfm
Topic: 2526 Message: 2540

hi George:

it probably will void the warranty. IMO ICOM has no QC problems. i
just left my unit on for a few months as a big burn-in test and then
did the mods myself. you can read about kiwa here:

http://www.kiwa.com/R75.html

phil :)

2541. Re: S-AM on R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-18 06:21:43 UTC
From: ptrlmpn
Topic: 2535 Message: 2541

Well, Icom may not be completely wrong... I think we
R75 owners are blessed not to know what real "fading" is.
The R75 is especially resistant to the distortions caused
by fading, even in normal AM mode.
I recently purchased a Palstar R30, and while fidelity on
non-fading signals is better, the Palstar is _much_ more
prone to distort when fading occurs. It sounds like ...
crashing waves superimposed to the sound. The R75, even
in normal AM mode, is immune from this. So the S-AM may
work properly, but just not be all that useful on the R75.

What does need fixing in the R75 is the AM AGC, but that is
a simple modification.

Peter

--- In icomr75@y..., Leigh Hanlon <lthanlon@e...> wrote:
> Dana asks << Every review I've read says that the Synchronous-AM
mode
> doesn't really work well -- is this true? >>
>
> Dana,
>
> Afraid so. On my unmodified IC-R75, S-AM has never made much of a
difference
> that I can tell.
>
> When I sent a recent e-mail query to Icom's tech support regarding
this
> issue, their explanation was that S-AM corrects signal fading by
reinserting
> a synchronized portion of a wave back into a fading portion of a
carrier.
> When I wrote back and said I never noticed any difference whether
S-AM was
> on or off, and asked if I had to do anything other than press the
S-AM
> button, I was told that nope, just press the button. But they were
emphatic
> in reiterating that it must be a fading signal.
>
> Aside from the S-AM issue, I'm satisfied with my R75. What annoys me
is how
> Icom persists in advertising this "feature."
>
> Leigh Hanlon

> Chicago, USA

2542. Re: S-AM on R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-18 12:31:38 UTC
From: atagrasin
Topic: 2535 Message: 2542

> Well, Icom may not be completely wrong... I think we
> R75 owners are blessed not to know what real "fading" is.
> The R75 is especially resistant to the distortions caused
> by fading, even in normal AM mode.
> I recently purchased a Palstar R30, and while fidelity on
> non-fading signals is better, the Palstar is _much_ more
> prone to distort when fading occurs. It sounds like ...
> crashing waves superimposed to the sound. The R75, even
> in normal AM mode, is immune from this. So the S-AM may
> work properly, but just not be all that useful on the R75.
>
> What does need fixing in the R75 is the AM AGC, but that is
> a simple modification.
HI Pete,Yes you are correct,a 220uf in pin 4 of the sync det IC for
the AGC mod,[check files in this group].

>
> --- In icomr75@y..., Leigh Hanlon <lthanlon@e...> wrote:
> > Dana asks << Every review I've read says that the Synchronous-AM
> mode
> > doesn't really work well -- is this true? >>
> >
> > Dana,
> >
> > Afraid so. On my unmodified IC-R75, S-AM has never made much of a
> difference
> > that I can tell.
> >
> > When I sent a recent e-mail query to Icom's tech support regarding
> this
> > issue, their explanation was that S-AM corrects signal fading by
> reinserting
> > a synchronized portion of a wave back into a fading portion of a
> carrier.
> > When I wrote back and said I never noticed any difference whether
> S-AM was
> > on or off, and asked if I had to do anything other than press the
> S-AM
> > button, I was told that nope, just press the button. But they were
> emphatic
> > in reiterating that it must be a fading signal.
> >
> > Aside from the S-AM issue, I'm satisfied with my R75. What annoys
me
> is how

> > Icom persists in advertising this "feature."
> >
> > Leigh Hanlon
> > Chicago, USA

2543. Smart Icom Control 32

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-18 20:23:18 UTC
From: jmpickrelljr
Topic: 1307 Message: 2543

Group,

I'm giving Mark Fine's Smart Icom Control 32 (unregistered) a try and am having a problem, I can't get the S/W to fill the R75's memory.

I tried in both the MEM/VFO modes, cleared the memories I wanted to fill, reloaded windows (2K), all to no avail.

Can anyone tell me the secret?

Thanks,

John

2544. Re: [icomr75] Re: PBT vs Selectable Synch?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-19 02:45:30 UTC
From: Dana Placzek
Topic: 2526 Message: 2544

Hello Peter,

Thanks, you cleared up a lot for me. The one thing
I'm not sure of is "how" the R75 compensates for
selective fading, although all the comments tell me
that it does very well.

What does AGC do, or what is it supposed to do?

Thanks,

Dana

Do you Yahoo!?
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http://webhosting.yahoo.com/

2545. Re: PBT vs Selectable Synch?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-19 04:39:30 UTC
From: ptrlmpn
Topic: 2526 Message: 2545

AGC = Automatic Gain Control.
Gain = amplification.

Basically, it regulates the amplification so that the volume
stays constant enough for you to listen confortably.
In shortwave, the signal often varies quite abruptly in strength,
due to the variable nature of reflection from the ionosphere.

The problem is that on AM mode only, the AGC of the R75 is too
"fast", quickly increasing amplification when the signal
momentarily decreases in strength - the effect is too much volume
compensation, and it is unpleasant to hear.
Soldering a capacitor (or having it done for you from Kiwa)
solves the problem.

I also don't know how the R75 compensates for selective fading;
I guess it is part of the design details of the Motorola chip
used for AM detection.

Peter

--- In icomr75@y..., Dana Placzek <celticdude_2000@y...> wrote:
> Hello Peter,
>
> Thanks, you cleared up a lot for me. The one thing
> I'm not sure of is "how" the R75 compensates for
> selective fading, although all the comments tell me
> that it does very well.
>
> What does AGC do, or what is it supposed to do?
>
> Thanks,
>
> Dana
>
> _____
> Do you Yahoo!?
> Y! Web Hosting - Let the expert host your web site
> http://webhosting.yahoo.com/

2546. Re: New In Band On Carrier (IBOC) Broadcasting Test on WOR 710 AM.

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-19 13:01:44 UTC
From: sp500dogtrainer
Topic: 2517 Message: 2546

there defintly digital hash extending +-8khz fromt the center
frequency of 710.. if a number if stations start transmitting on
adjacent frequencys (night time hops) they will step all over each
others digital signal. what a shame for the broadasters

I think the FCC will have to reallocate all of the AM BCB to
have stations 15 khz apart

--- In icomr75@y..., "R H F" <rhf-mail@u...> wrote:
> Icom R75 Radio Owners:
> ? Do You Live in the WOR Broadcast Signal Area?
> ? Can You Hear the WOR Broadcast Signal?
>
> WOR 710AM seems to be broadcasting a Second signal at 720AM.
> This Signal sounds like Digital HASH.
>
> Anyone in the WOR Broadcast Area have any reports on their 710 AM
> Signal Quality?
> Anyone in the WOR Broadcast Area have any reports on Adjacent
Channel
> Interference on 690, 700, 720 and 730 kHz.
>
> HOW does the WOR Signal Sound on:
> * AM ?
> * AM-SYNC ?
> * SSB ?
>
> Does a Narrow Band Width Filter work on Reducing Adjacent Channel
> Interference from IBOC?
>
> There is a link asking for Listener FeedBack and Opinions:
> http://www.wor710.com/Engineering/iboc/hdform.htm
> Let WOR know what kind of Interference they are Generating on
> Adjacent Channels from IBOC.
>
> ~ RHF

2547. Re: S-AM on R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-19 23:32:45 UTC
From: just_rtfm
Topic: 2535 Message: 2547

hi Peter:

i have modified my R75's sync-AM and AM-AGC. your comments reflect
the fact that sync-AM is more effective than 'regular' AM with regard
to fading. ECSS is even more effective but requires fine (1 Hz)
tuning steps for good resultant sound. btw, Motorola's C-QUAM AM
Stereo chip takes care of the sync... it has a +/- 3 kHz lock range.

> I recently purchased a Palstar R30, and while fidelity on
> non-fading signals is better,

how would you like your R75's fidelity to be like your Palstar's? i
am releasing just such a mod this weekend. i'm really enjoying it!

regards,
phil :)

2548. Re: Smart Icom Control 32

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-20 14:20:45 UTC
From: sp500dogtrainer
Topic: 1307 Message: 2548

I've had trouble at times when I've set the radio to use baud 9600.
It usually works better when set to auto. Also make sure you havent
accedenty moved the radios address from 5A (i think thats the default)

If you have Excel 2000 then just download the spreadsheet macros
from the files section in this group. it will send your
frequencys right over to the radio

--- In icomr75@y..., "jmpickrelljr" <jmpickrell@c...> wrote:
> Group,
>
> I'm giving Mark Fine's Smart Icom Control 32 (unregistered) a try
and
> am having a problem, I can't get the S/W to fill the R75's memory.
>
> I tried in both the MEM/VFO modes, cleared the memories I wanted to
> fill, reloaded windows (2K), all to no avail.
>
> Can anyone tell me the secret?
>
> Thanks,
>
>
> John

2549. Re: [icomr75] Re: Smart Icom Control 32

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-20 16:43:48 UTC
From: John Pickrell
Topic: 1307 Message: 2549

Thanks for the reply.

I went back and rechecked everything (including re-installation of the program) with the same (no) results. I run my serial channel @19.2k baud and the radio seems to like it.

I failed to mention that all other control options seem normal, just the fill command that fails.

In rechecking I did note that the radio was set to "MEMO" while the S/W was set to "VFO" and when I made the S/W configuration agree with the radio (I.E. S/W="MEMO") the fill command worked as advertised.

Classify this one as an "AW S--T".

John
----- Original Message -----
From: sp500dogtrainer
To: icomr75@yahoogroups.com
Sent: Sunday, October 20, 2002 10:20 AM
Subject: [icomr75] Re: Smart Icom Control 32

I've had trouble at times when I've set the radio to use baud 9600.
It usually works better when set to auto. Also make sure you havent
accedenty moved the radios address from 5A (i think thats the default)

If you have Excel 2000 then just download the spreadsheet macros
from the files section in this group. it will send your
frequencys right over to the radio

--- In icomr75@y..., "jmpickrelljr" <jmpickrell@c...> wrote:
> Group,
>
> I'm giving Mark Fine's Smart Icom Control 32 (unregistered) a try
and
> am having a problem, I can't get the S/W to fill the R75's memory.
>
> I tried in both the MEM/VFO modes, cleared the memories I wanted to
> fill, reloaded windows (2K), all to no avail.
>
> Can anyone tell me the secret?
>
> Thanks,
>
>
> John

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[Non-text portions of this message have been removed]

2550. Re: S-AM on R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-20 18:38:06 UTC
From: ptrlmpn
Topic: 2535 Message: 2550

Actually, in the R75, S-AM (as modified by Kiwa) seems to be just
as effective as normal AM wrt. fading.
I think the Motorola chip should be doing something helpful
even for normal AM, as the "normal AM" of the R75 is much better
wrt. fading than that of the, say, Palstar R30.

You are reseasing a mod to increase the fidelity of the R75?
I would be interested in it!

I am planning to build a synch-detector and fit it inside the
chassis of the Palstar, but that's another story...

The R75 is truly fantastic. BTW, speaking of EECS: I bought both the
9MHz 2.8KHz filter, and the 455KHz 3.3KHz filter.
The combination I use most often is 2.8 + 3.3 (resulting in 2.8):
I find the audio sounds much more natural than with the native
2.4 bandwidth. I sometimes use 15 + 3.3, but it doesn't always
sound better than the 2.8: more noise, and more difficult to tune.

Peter

--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> hi Peter:
>
> i have modified my R75's sync-AM and AM-AGC. your comments reflect
> the fact that sync-AM is more effective than 'regular' AM with
regard
> to fading. ECSS is even more effective but requires fine (1 Hz)
> tuning steps for good resultant sound. btw, Motorola's C-QUAM AM
> Stereo chip takes care of the sync... it has a +/- 3 kHz lock range.
>
> > I recently purchased a Palstar R30, and while fidelity on
> > non-fading signals is better,
>
> how would you like your R75's fidelity to be like your Palstar's? i
> am releasing just such a mod this weekend. i'm really enjoying it!
>
> regards,
> phil :)

2551. NEW: Fidelity Increase Modification

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-20 21:00:38 UTC
From: just_rtfm
Topic: 2551 Message: 2551

hi everyone:

i have released an audio fidelity increase mod meant to enhance AM/SAM listening. the mod is located in the files section under "Phil's Shack". although it was created many months ago i only recently added the mod myself so i will report any downside as i do more testing. i am getting nice results especially while listening to music. my unit also has the Sync-AM and AM-AGC mods. as expected, i have noticed more high-pitched noise on some stations. the noise can be cleaned up by using the DSP or tone controls on external amplified speakers. i can now tell a difference between using the 15/6 kHz and 15/15 kHz filters. the mod involves making six solder connections to surface-mount resistors... parts cost is ~$1.

regards,
phil :)

2552. Re: [icomr75] NEW: Fidelity Increase Modification

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-21 01:50:20 UTC
From: Bill Brady
Topic: 2551 Message: 2552

Phil,
Thanks for all your tech info, etc. I downloaded your fidelity mod PDF file but it will not print. I get a "missing" error. (a linked graphic or file is missing.).

Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest hour that the most stars come out.

2553. Re: NEW: Fidelity Increase Modification

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-21 02:23:26 UTC
From: just_rtfm
Topic: 2551 Message: 2553

hi Bill:

can you view the PDF on your screen when you open it? i do use an usual method to create the PDFs. i print to a file using a virtual PostScript printer and then have it converted to pdf using an interpreter program.

regards,
phil :)

2554. Re: [icomr75] Re: NEW: Fidelity Increase Modification

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-21 04:39:45 UTC
From: Bill Brady
Topic: 2551 Message: 2554

just_rtfm Wrote

hi Bill:

can you view the PDF on your screen when you open it?

Yes, it appears that the two graphics have the 72 dpi screen version imbedded (as normal). The hi-rez files are missing. The "HiFi" and the schematic. Hard to tell for sure as the Reader gives limited info.

If you upload those two files into your Yahoo folder it should be workable.

[Non-text portions of this message have been removed]

2555. Murata Filters

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-21 05:48:30 UTC
From: lloyd davies
Topic: 2555 Message: 2555

Does anyone have any extra filters to sell me? I would like to do the mod for 3khz filter.

Thanks

[Non-text portions of this message have been removed]

2556. computer noise

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-21 05:47:32 UTC
From: bill
Topic: 2556 Message: 2556

What's the best antenna I can place on the roof?
I live in a small rowhome in philly a block from a big hospital.
I want to use my r75 with my computer "amd1900 and a epox 8k3a+ mobo"
for computer control and cw and rtty receive decoder programs.
I am in the front upstairs room with the radio and computer next to
one another,"about 4 feet apart".
I have right now a coax going to the middle room where I made a temp
antenna wire that goes down to the ally wall from the window.
also I ran a second wire down to the water faucet in the yard for a
ground.
My receive is great untill I turn on the computer, then the noise
starts.
I dont't have a lot of room for a long wire as I must stay only on
my roof which is about 16ft wide east to west and about 34ft north
to south.
What should I put up on the roof?
Simple wire antenna, "will the computer noise still be there?".
Any awnsers ????
A active roof antenna, "will it increase noise from the computer"?
Thank you !!!!!!!!!!!!!!!!!!!
Help!!

2557. Re: computer noise

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-21 07:07:25 UTC
From: ptrlmpn
Topic: 2556 Message: 2557

I have a Wellbrook ALA 330 that gives me very good reception with very
little noise from my computers. The ALA 1530 is also good, if you
are not very close to powerful AM transmitters (I am).
These are loop antennas, that tend to pick up less local noise,
since they are sensitive to the magnetic component of the waves,
while most local noise has a stronger electrical component.

Anyway, I highly recommend them; go to the Wellbrook site for more
information.

Peter

--- In icomr75@y..., "bill" <billv233@y...> wrote:
> What's the best antenna I can place on the roof?
> I live in a small rowhome in philly a block from a big hospital.
> I want to use my r75 with my computer "amd1900 and a epox 8k3a+
mobo"
> for computer control and cw and rtty receive decoder programs.
> I am in the front upstairs room with the radio and computer next to
> one another,"about 4 feet apart".
> I have right now a coax going to the middle room where I made a temp
> antenna wire that goes down to the ally wall from the window.
> also I ran a second wire down to the water faucet in the yard for a
> ground.
> My receive is great untill I turn on the computer, then the noise
> starts.
> I dont't have a lot of room for a long wire as I must stay only on
> my roof which is about 16ft wide east to west and about 34ft north
> to south.
> What should I put up on the roof?
> Simple wire antenna, "will the computer noise still be there?".
> Any awnsers ????
> A active roof antenna, "will it increase noise from the computer"?
> Thank you !!!!!!!!!!!!!!!!!!!
> Help!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

2558. Re: computer noise

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-21 07:43:25 UTC
From: ic0mr75
Topic: 2556 Message: 2558

Bill: Have you tried adjusting your monitor's refresh rate? I had the same problem, but adjusted the refresh rate, and this solved my monitor noise problems. Hope this works as well for you....Jim

--- In icomr75@y..., "bill" <billv233@y...> wrote:
> What's the best antenna I can place on the roof?
> I live in a small rowhome in philly a block from a big hospital.
> I want to use my r75 with my computer "amd1900 and a epox 8k3a+ mobo"
> for computer control and cw and rtty receive decoder programs.
> I am in the front upstairs room with the radio and computer next to
> one another,"about 4 feet apart".
> I have right now a coax going to the middle room where I made a temp
> antenna wire that goes down to the ally wall from the window.
> also I ran a second wire down to the water faucet in the yard for a
> ground.
> My receive is great untill I turn on the computer, then the noise
> starts.
> I dont't have a lot of room for a long wire as I must stay only on
> my roof which is about 16ft wide east to west and about 34ft north
> to south.
> What should I put up on the roof?
> Simple wire antenna, "will the computer noise still be there?".
> Any awnsers ????
> A active roof antenna, "will it increase noise from the computer"?
> Thank you !!!!!!!!!!!!!!!!!!
> Help!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

2559. Re: computer noise

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-21 18:57:59 UTC
From: bill
Topic: 2556 Message: 2559

Yes I tried that,even shut off the monitor all together.
The monitor "ctx pl7a" is not the problem.

--- In icomr75@y..., "ic0mr75" <219@b...> wrote:
> Bill: Have you tried adjusting your monitor's refresh rate? I had
the
> same problem, but adjusted the refresh rate, and this solved my
> monitor noise problems. Hope this works as well for you....Jim
>
> --- In icomr75@y..., "bill" <billv233@y...> wrote:
> > What's the best antenna I can place on the roof?
> > I live in a small rowhome in philly a block from a big hospital.
> > I want to use my r75 with my computer "amd1900 and a epox 8k3a+
> mobo"
> > for computer control and cw and rtty receive decoder programs.
> > I am in the front upstairs room with the radio and computer next
to
> > one another,"about 4 feet apart".
> > I have right now a coax going to the middle room where I made a
> temp
> > antenna wire that goes down to the ally wall from the window.
> > also I ran a second wire down to the water faucet in the yard
for a
> > ground.
> > My receive is great untill I turn on the computer, then the
noise
> > starts.
> > I dont't have a lot of room for a long wire as I must stay only
on
> > my roof which is about 16ft wide east to west and about 34ft
north
> > to south.
> > What should I put up on the roof?
> > Simple wire antenna, "will the computer noise still be there?".
> > Any awnsers ????
> > A active roof antenna, "will it increase noise from the
computer"?
> > Thank you !!!!!!!!!!!!!!!!!!!
> > Help!!

2560. Re: NEW: Fidelity Increase Modification

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-21 23:06:23 UTC
From: just_rtfm
Topic: 2551 Message: 2560

hi Bill:

i have added the schematic pics at the links below (the "hifi" is
just a symbol of no importance):

http://members.truepath.com/justrtfm/filtermod4.gif
http://members.truepath.com/justrtfm/together5.gif

i am downloading the latest GhostScript (pdf creation tool) version.
if anyone else has troubles (other than acrobat reader version)
downloading any of my pdfs please report it. thank you.

regards,
phil :)

2561. Re: [icomr75] Re: NEW: Fidelity Increase Modification

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-22 03:15:34 UTC
From: Bill Brady
Topic: 2551 Message: 2561

It's printing as I am typing. Thanks.

2562. RE: [icomr75] Re: serial connector temperature !

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-22 20:32:53 UTC
From: Enrique A. Wembagher
Topic: 2233 Message: 2562

Dan and Antoine,

Could you solve the problem?

Does the resister have heating signs?

Enrique

> -----Mensaje original-----
> De: tscopedan [mailto:HUBACH35114@...]
> Enviado el: Mi?rcoles, 09 de Octubre de 2002 11:24
> Para: icomr75@yahoogroups.com
> Asunto: [icomr75] Re: serial connector temperature !
>
>
> -I have the same condition with my r75, (2 yrs old). Being a tech I
> opened the case and found the source of the heat, a 7805 voltage
> regulator. There is a 12 ohm resister in series with the regulator,
> this resister act as a current limiter (both run hot).I emailed Icom
> and their response was to send it in for service. I have not noticed
> any operational defects (works fine). Has anyone else noticed if
> their receivers run warm after 30+minutes?
>
> Dan
>

> > > -----Mensaje original-----
> > > De: Antoine.bureau [mailto:antoine.bureau@n...]
> > > Enviado el: Viernes, 16 de Agosto de 2002 06:07
> > > Para: icomr75@y...
> > > Asunto: [icomr75] serial connector temperature !
> > >
> > >
> > > hello
> > >
> > >
> > > i notice that serial connector became "hot" after 15 minutes
> > > power on.do you
> > > have the same "problem" is it dangerous ???
> > >
> > > you can constat by putting your finger "or lips !!!! "on serial
> connector.
> > >
> > >
> > > thanks
> > >

> > > Antoine

2563. Re: serial connector temperature !

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-23 01:29:10 UTC
From: Dan H
Topic: 2233 Message: 2563

In a nutshell...no, this may not be a problem. I was concerned, At the time, I had just installed CR282 and noticed the heat being generated by the circuit. A call to Icom tech support,(10-21) confirmed the circuit will run warm and their is no history of related failure. In fact the guy said the R75 has an excellent reliability record. For the engineering types I was curious as to the actual current flowing thru r1401-for comparison. The resistor is designed for heat and mine shows no signs of degradation. The 7805 regulator (ic1401) is rated at 1000 ma. (abeit:proper heat sink) My r75 pulls approx 700+ ma in series with r1401. IMHO a little to much for not having a chunk of aluminum as a heat sink. Looking over the schematic-this 5 volts is used everywhere thru-out the r75, so if there was a defect it would be readily noticed in operation. Anyway I may mod my r75 and move the regulator to a heatsink mounted out on the backside of the unit for better heat dissipation. I performed a simuliar mod to my Kenwood r5000 (years ago) and it made a big difference!

Dan
- In icomr75@y..., "Enrique A. Wembagher" <Eawemb@i...> wrote:
> Dan and Antoine,
>
> Could you solve the problem?
>
> Does the resister have heating signs?
>
> Enrique
>
>
> > -----Mensaje original-----
> > De: tscopedan [mailto:HUBACH35114@m...]
> > Enviado el: Miércoles, 09 de Octubre de 2002 11:24
> > Para: icomr75@y...
> > Asunto: [icomr75] Re: serial connector temperature !
> >
> >
> > -I have the same condition with my r75, (2 yrs old). Being a tech
I
> > opened the case and found the source of the heat, a 7805 voltage
> > regulator. There is a 12 ohm resister in series with the
regulator,
> > this resister act as a current limiter (both run hot).I emailed
Icom
> > and their response was to send it in for service. I have not
noticed

> > any operational defects (works fine). Has anyone else noticed if
> > their receivers run warm after 30+minutes?
> >
> > Dan
> >
>
> > > > -----Mensaje original-----
> > > > De: Antoine.bureau [mailto:antoine.bureau@n...]
> > > > Enviado el: Viernes, 16 de Agosto de 2002 06:07
> > > > Para: icomr75@y...
> > > > Asunto: [icomr75] serial connector temperature !
> > > >
> > > >
> > > > hello
> > > >
> > > >
> > > > i notice that serial connector became "hot" after 15 minutes
> > > > power on.do you
> > > > have the same "problem" is it dangerous ???
> > > >
> > > > you can constat by putting your finger "or lips !!!! "on
serial
> > connector.
> > > >
> > > >
> > > > thanks
> > > >
> > > > Antoine

2564. RE: [icomr75] Re: serial connector temperature !

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-23 02:00:56 UTC
From: Enrique A. Wembagher
Topic: 2233 Message: 2564

Then it is normal this heating type.

I also notice that in the regulator of 5 volts, of everything ways believe
that the disipador that has is enough, undoubtedly it is better not to cover
the right side of the rx.
Enrique

Ps.: In the case of the serial connector temperature, the trouble is other,
IMHO hmmm....

> -----Mensaje original-----
> De: Dan H [mailto:HUBACH35114@...]
> Enviado el: Martes, 22 de Octubre de 2002 22:29
> Para: icomr75@yahoogroups.com
> Asunto: [icomr75] Re: serial connector temperature !
>
>
> In a nutshell...no, this may not be a problem. I was concerned, At
> the time, I had just installed CR282 and noticed the heat being
> generated by the circuit. A call to Icom tech support,(10-21)
> confirmed the circuit will run warm and their is no history of
> related failure. In fact the guy said the R75 has an excellent
> reliability record. For the engineering types I was curious as to the
> actual current flowing thru r1401-for comparison. The resistor is
> designed for heat and mine shows no signs of degradation. The 7805
> regulator (ic1401) is rated at 1000 ma. (abeit:proper heat sink)
> My r75 pulls approx 700+ ma in series with r1401. IMHO a little to
> much for not having a chunk of aluminum as a heat sink. Looking over
> the schematic-this 5 volts is used everywhere thru-out the r75, so if
> there was a defect it would be readily noticed in operation. Anyway I
> may mod my r75 and move the regulator to a heatsink mounted out on
> the backside of the unit for better heat dissipation. I performed a
> simuliar mod to my Kenwood r5000 (years ago) and it made a big
> difference!
>
> Dan

2565. Help! I need to build a splitter!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-23 04:30:05 UTC
From: Bill Brady
Topic: 2233 Message: 2565

Howdy Gang,

Does anyone have a URL to instructions for building a 50 ohm pl-259 type splitter?

Thanks!

Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest hour that the most stars come out.

2566. Re: Computer Noise

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-23 10:44:17 UTC
From: R H F
Topic: 2556 Message: 2566

Bill,

You have a 100 Foot Perimeter around you Roof.
1. A 100 Foot Horizontal Loop would 'offer' Low Noise Antenna.
Or, a 100 Foot Four Sided Bent Random Wire Antenna.
2. Coax FeedLine would 'reduce' noise pick-up into an around the R75
and your Computer.
3. A Matching Transformer would effective 'couple' the Antenna to the
Coax.

* * * The 'Low Noise' SWL Antenna * * *

From the Association of North American Radio Clubs (ANARC) website
and the Rec.Radio.ShortWave (NG) Web Page Text Written by John Doty
* http://www.anarc.org/naswa/badx/antennas/low-noise_antenna.html

=Quote= It doesn't take very much wire to pick up an adequate signal
for anything but the crudest shortwave receiver. The Difference
between a mediocre antenna system and a great antenna system isn't the
antenna itself: it's the way you feed signals from the antenna to the
receiver. The Real Trick with a shortwave receiving antenna system
is to keep your receiver from picking up noise from all the electrical
and electronic gadgets you and your neighbors have. =Un-Quote=

Diagrams of Random Wire Antenna using a Balun and Coax FeedLine
* http://www.geocities.com/n2uhc/wire.html
* http://www.kc7nod.20m.com/improved_rw.htm

RHF = Here is my Double Nickel (Ten Cents Worth) on this
Very Simple and Basic Low Noise SWL Antenna:
1. 50-200 Feet of 14-16 AWG Insulated 19 Strand Copper Wire
2. Height of Support Points 15-30 Feet.
3. Bottom Feed Point for both Ground and Coax.
4. Matching Transformer (UnUn)
5. Bury the Coax if possible.

A Great "Balun" (Really a "Un Un" Matching Transformer) for this and
many other antennas. Is the ICE 180 that is not only a Matching
Transformer but a Lightening Surpressor.
http://www.hard-core-dx.com/nordicdx/antenna/feed/ice180.html
This Hard-Core-Dx.Com Web Page Text Written by John Doty
=Quote= A Matching Transformer at the Base of the Antenna can smooth
out the fluctuations in antenna system efficiency with frequency,
yielding an Antenna System that Works well enough for good reception
from LongWave to the top of the ShortWave Range. =Un-Quote=

Here is a "Do-It-Yourself" Matching Transformer
* http://www.kc7nod.20m.com/new_page_1.htm

Some Say,
- On a Clear Night... You Can See Forever !

I Would Say,
- Why Limit Yourself - Simply Close Your Eyes and Listen.
- - For On Any Night... You Can Hear Forever !
- - - Turn the Radio On... Turn the Radio On!

~ RHF

- - - In icomr75@y..., "bill" <billv233@y...> wrote:
> What's the best antenna I can place on the roof?
> I live in a small rowhome in philly a block from a big hospital.
> I want to use my r75 with my computer "amd1900 and a epox 8k3a+
mobo"
> for computer control and cw and rtty receive decoder programs.
> I am in the front upstairs room with the radio and computer next to
> one another,"about 4 feet apart".
> I have right now a coax going to the middle room where I made a temp
> antenna wire that goes down to the ally wall from the window.
> also I ran a second wire down to the water faucet in the yard for a
> ground.
> My receive is great untill I turn on the computer, then the noise
> starts.
> I dont't have a lot of room for a long wire as I must stay only on
> my roof which is about 16ft wide east to west and about 34ft north
> to south.
> What should I put up on the roof?
> Simple wire antenna, "will the computer noise still be there?".
> Any awnsers ????
> A active roof antenna, "will it increase noise from the computer"?
> Thank you !!!!!!!!!!!!!!!!!!!
> Help!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

2567. Re: computer noise

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-23 13:06:52 UTC
From: LarryR
Topic: 2556 Message: 2567

If your roof is high and you are primarily interested in a couple of bands, you might consider a simple horizontal dipole. "High" means more than 1/2 wavelength so you get a low angle of attack for DX. The length of the dipole is a little less than 1/2 wavelength - exact formulas are widely known but I don't remember off-hand, but for example for the 40m band you need about 20m of space and each element is 10m long. You get a small amount of gain by orienting perpendicular to the signal of interest. You can couple more than one pair of elements to the same coax in a crossed fashion to achieve multi-band reception, or you can buy or make a G5RV which is available on eBay for about $20 and does the same thing. Dipoles are supposed to be low noise, and of course the coax feed greatly helps in this regard. Incidentally, some will tell you that you need a balun to couple the balanced dipole to the unbalanced coax; others will tell you that one element is simply soldered directly to the shield and the other to the center conductor, and that the long length of coax, through electromagnetic magic that literally nobody understands, acts as a balun.

--- In icomr75@y..., "bill" <billv233@y...> wrote:
> What's the best antenna I can place on the roof?
> I live in a small rowhome in philly a block from a big hospital.
> I want to use my r75 with my computer "amd1900 and a epox 8k3a+ mobo"
....

2568. In praise of the R75 AM detector

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-23 17:53:25 UTC
From: ptrlmpn
Topic: 2568 Message: 2568

Many of us notice that there is little difference between the AM and S-AM (synchronous AM) modes of the Icom R75, and infer that the synchronous detector is defective. I would like to advance here the opposite explanation: there is no difference because the AM detector is already essentially a synchronous detector.

This implies that the (much maligned) AM mode of the R75 is in fact outstanding, a fact supported by my practical observations.

My explanation is supported by two facts.

First, the R75 uses as AM detector the Motorola chip MC13022A; the chip is essentially the same as the MC13122, which just adds a noise blanker. Detailed specifications are available for the MC13122. If you look at the R75 circuit diagram, and at the MC13122 specs, you will notice that the AM mode of the R75 relies on a blend of the E output (described by Motorola as semi-synchronous detection) and I and L+R (described as synchronous). In particular, it is not a simple envelope detector.

Second, it is so difficult to find signals affected by differential fading (the different fading of carrier and sidebands) with the R75 in AM mode that I used to think that selective fading is a rare phenomenon. Not so. I recently purchased a Palstar R30, which has a traditional envelope detector, and I was able to make many side-to-side recordings of the R75 and Palstar for signals affected by fading. The R75 was used in AM mode, after the Kiwa AGC modification (adding a capacitor to fix the AGC constant in AM mode). The Palstar suffers badly: I now understand for the first time what is the "crashing" noise when the carrier fades relative to the sidebands. The R75 is essentially immune from any negative effects. I have many 30-second snippets (in .wav format) available. The total is 600MB, but if somebody tells me what is an acceptable sample and stream rate for .mp3, I could try to convert them and make them available on the web.

I am truly impressed by how flawlessly the R75 performs in AM mode for weak signals affected by fading (again, after the AGC constant fix). If anyone has another radio, and would be willing to make side-by-side comparisons between the R75 and that radio in AM and S-AM mode for signals affected by fading, I would be very interested in the resulting computer recordings.

All the best,

Peter

2569. Re:Help! I need to build a splitter!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-23 18:46:19 UTC
From: Eddie Bryant - N4UMJ
Topic: 2233 Message: 2569

>Does anyone have a URL to instructions for building a 50 ohm pl-259 type
>splitter?

There are many pre-built units that offer good performance.
Mini-Circuits is one that I am looking into. Although they
only seem to offer the BNC or N type connectors.

http://www.minicircuits.com/dg03-120.pdf

http://www.minicircuits.com/cgi-bin/spec?cat=splitter&model=ZFSC-2-6&pix=k18.gif&bv=4

Of course there is also "Stridesberg Engineering" with their
choice of active or passive splitter products although a little
bit more pricey. But they are certainly made specifically for
that purpose.

http://www.stridsberg.com/prod01.htm

Eddie
N4UMJ

2570. Re: [icomr75] In praise of the R75 AM detector

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-23 20:23:55 UTC
From: Bruce Jensen
Topic: 2568 Message: 2570

--- ptrlmpn <plampione@...> wrote:
> Many of us notice that there is little difference between the AM and
> S-AM (synchronous AM) modes of the Icom R75, and infer that the
> synchronous detector is defective. I would like to advance here the
> opposite explanation: there is no difference because the AM detector
> is already essentially a synchronous detector.

I have to admit, I am coming to almost the same conclusion. For me, it took the addition of another radio side by side to see the difference.

I am in San Francisco Bay area. I had both my Kiwa-modified R75 and my new DX398 running "side by side" last night on several stations with "short hops" - such as Sackville, Bonaire, Guiana and Greenville. In every case, some selective fading occurred a bit. In every case, the accompanying distortion was severe on the DX398, with unintelligible language during the fades. On the R75, however, while the fade itself was noticeable as a signal reduction, the intelligibility *NEVER* was reduced much at all, either on AM or S-AM. S-AM showed a *modest* improvement over straight AM, but both allowed the language to remain perfectly understandable. I was almost peeved by the idea that there was no appreciable difference between the two modes - except that when tuning is performed in "AM" there is no squealing. I have come to my senses, however :-)

> This implies that the (much maligned) AM mode of the R75 is in fact
> outstanding, a fact supported by my practical observations.

To be honest, I did notice some distortion on AM prior to the Kiwa fix. That distortion is now reduced on AM and eliminated on S-AM. Otherwise, I am in agreement. It is actually only the AGC that needs the "fix."

> My explanation is supported by two facts.
>
> First, the R75 uses as AM detector the Motorola chip MC13022A; the
> chip is essentially the same as the MC13122, which just adds a noise
> blanker. Detailed specifications are available for the MC13122.
> If you look at the R75 circuit diagram, and at the MC13122 specs, you
> will notice that the AM mode of the R75 relies on a blend of the E
> output (described by Motorola as semi-synchronous detection) and I and
> L+R (described as synchronous). In particular, it is not a simple
> envelope detector.
>
> Second, it is so difficult to find signals affected by differential
> fading (the different fading of carrier and sidebands) with the R75 in
> AM mode that I used to think that selective fading is a rare
> phenomenon. Not so. I recently purchased a Palstar R30, which has a

> traditional envelope detector, and I was able to make many
> side-to-side recordings of the R75 and Palstar for signals affected by
> fading. The R75 was used in AM mode, after the Kiwa AGC modification
> (adding a capacitor to fix the AGC constant in AM mode). The Palstar
> suffers badly: I now understand for the first time what is the
> "crashing" noise when the carrier fades relative to the sidebands.
> The R75 is essentially immune from any negative effects. I have many
> 30-second snippets (in .wav format) available. The total is 600MB,
> but if somebody tells me what is an acceptable sample and stream rate
> for .mp3, I could try to convert them and make them available on the
> web.
>
> I am truly impressed by how flawlessly the R75 performs in AM mode for
> weak signals affected by fading (again, after the AGC constant fix).
> If anyone has another radio, and would be willing to make side-by-side
> comparisons between the R75 and that radio in AM and S-AM mode for
> signals affected by fading, I would be very interested in the
> resulting computer recordings.

I am unable to place recordings on the internet right now, but I can
assure you, what I heard last night *exactly* matches your experience.
Hideous distortion on the DX-398, i.e., that *crash* you mention and
garbled speech, alongside nearly pure clarity on the R75.

I'd like to suggest that this message be placed on the newsgroups as well.
This message is one that needs to get out. Thanks, Peter, for starting
this line of thought.

Bruce Jensen
****
>
> All the best,
>
> Peter
>
>
>

Do you Yahoo!?
Y! Web Hosting - Let the expert host your web site
http://webhosting.yahoo.com/

2571. Re: [icomr75] Re:Help! I need to build a splitter!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-23 23:50:00 UTC
From: Bill Brady
Topic: 2233 Message: 2571

```
>> Does anyone have a URL to instructions for building a 50 ohm pl-259 type
>> splitter?
>
> There are many pre-built units that offer good performance.
> Mini-Circuits is one that I am looking into. Although they
> only seem to offer the BNC or N type connectors.
>
> http://www.minicircuits.com/dg03-120.pdf
>
> http://www.minicircuits.com/cgi-bin/spec?cat=splitter&model=ZFSC-2-6&pix=k18.g
> if&bv=4
>
> Of course there is also "Stridesberg Engineering" with their
> choice of active or passive splitter products although a little
> bit more pricey. But they are certainly made specifically for
> that purpose.
>
> http://www.stridsberg.com/prod01.htm
>
> Eddie
> N4UMJ
```

Hi Eddie,
Yes, they all seem to be BNC boxes. I need (of course) SO-239. Years ago we used to just put three windings on a torriod, but I no longer have any recipes. Hi-Z splitters we built from three resistors in a delta configuration.

Universal Radio sells one for $90. <wince> See:
http://www.universal-radio.com/catalog/preamps/1420.html

--Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest hour that the most stars come out.

[Non-text portions of this message have been removed]

2572. Re: serial connector temperature !

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-24 00:19:37 UTC
From: Dan H
Topic: 2233 Message: 2572

--Yes, AS far as I can tell the heating is normal. Your correct in not covering up the RX. The Icom tech support person told me not to cover or block the airflow around the Unit,(not that mine was). Anyway, it would be nice if any engineering types can measure the current flowing thru r1401. This way I can confirm mine and Antoines RX's have no problem.

Dan

- In icomr75@y..., "Enrique A. Wembagher" <Eawemb@i...> wrote:
> Then it is normal this heating type.
>
> I also notice that in the regulator of 5 volts, of everything ways believe
> that the disipador that has is enough, undoubtedly it is better not to cover
> the right side of the rx.
> Enrique
>
> Ps.: In the case of the serial connector temperature, the trouble is other,
> IMHO hmmm....
>
> > -----Mensaje original-----
> > De: Dan H [mailto:HUBACH35114@m...]
> > Enviado el: Martes, 22 de Octubre de 2002 22:29
> > Para: icomr75@y...
> > Asunto: [icomr75] Re: serial connector temperature !
> >
> >
> > In a nutshell...no, this may not be a problem. I was concerned, At
> > the time, I had just installed CR282 and noticed the heat being
> > generated by the circuit. A call to Icom tech support,(10-21)
> > confirmed the circuit will run warm and their is no history of
> > related failure. In fact the guy said the R75 has an excellent
> > reliability record. For the engineering types I was curious as to the
> > actual current flowing thru r1401-for comparison. The resistor is
> > designed for heat and mine shows no signs of degradation. The 7805
> > regulator (ic1401) is rated at 1000 ma. (abeit:proper heat sink)
> > My r75 pulls approx 700+ ma in series with r1401. IMHO a little to
> > much for not having a chunk of aluminum as a heat sink. Looking over
> > the schematic-this 5 volts is used everywhere thru-out the r75,

so if
> > there was a defect it would be readily noticed in operation.
Anyway I
> > may mod my r75 and move the regulator to a heatsink mounted out on
> > the backside of the unit for better heat dissipation. I performed
a
> > simuliar mod to my Kenwood r5000 (years ago) and it made a big
> > difference!
> >
> > Dan

2573. AGC mod vs. RF gain control

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-24 15:45:35 UTC
From: Dave Ulrick
Topic: 2573 Message: 2573

Hi,

I own an unmodded R75. When listening in AM mode, I can hear the AGC-related pumping/distortion on all sorts of signals if I have the RF gain control set to 12 o'clock, but if I turn the RF gain control to the left until the S-meter's reading begins to rise, this seems to stabilize the audio and eliminates most fading distortion. With most strong stations, the adjustment works out to be two marks to the left, so I find that stabilizing the audio in this manner is very easy to do, and the resulting audio is quite pleasant to listen to. This trick seems to work both in slow and fast AGC modes. (Of course, the trick is _essential_ if I turn AGC off. :-))

My question is this: is there any improvement in the R75's AM audio gained by the AGC mod beyond what I hear when I back off the RF gain, or does a modded R75 sound pretty much the same as what I'm already hearing? I'm happy with the audio quality I get when I back off the RF gain, but if the AGC mod will give me a further improvement, I'll consider having it done.

Thanks,
Dave
--
==
Dave Ulrick, Systems Programmer E-mail: d-ulrick@...
Northern Illinois University Web: http://www.niu.edu/~ulrick/
DeKalb, IL, USA

2574. Re: [icomr75] AGC mod vs. RF gain control

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-24 16:14:49 UTC
From: Bruce Jensen
Topic: 2573 Message: 2574

--- Dave Ulrick <d-ulrick@...> wrote:
> Hi,
>
> I own an unmodded R75. When listening in AM mode, I can hear the
> AGC-related pumping/distortion on all sorts of signals if I have the
> RF gain control set to 12 o'clock, but if I turn the RF gain control
> to the left until the S-meter's reading begins to rise, this seems to
> stabilize the audio and eliminates most fading distortion. With most
> strong stations, the adjustment works out to be two marks to the left,
> so I find that stabilizing the audio in this manner is very easy to
> do, and the resulting audio is quite pleasant to listen to. This
> trick seems to work both in slow and fast AGC modes. (Of course, the
> trick is _essential_ if I turn AGC off. :-))
>
> My question is this: is there any improvement in the R75's AM audio
> gained by the AGC mod beyond what I hear when I back off the RF gain,
> or does a modded R75 sound pretty much the same as what I'm already
> hearing? I'm happy with the audio quality I get when I back off the
> RF gain, but if the AGC mod will give me a further improvement, I'll
> consider having it done.

In a word, yes. The AGC mod is the best thing Kiwa does, and if you can do it, well worth the effort. It largely removes the need to back off the RF gain, and *this is really useful for weaker stations.* For strong program listening, when the AGC doesn't exactly match the fading, a little backing off can still help, but not critical.

The added filter is nice too. The audio mod, I think, is probably not very critical.

Bruce Jensen

_____
Do you Yahoo!?
Y! Web Hosting - Let the expert host your web site
http://webhosting.yahoo.com/

2575. Tuning in on Lowfers

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-24 16:39:00 UTC
From: Ashlock,William
Topic: 2575 Message: 2575

In case some of you guys might be interested in copying 1W beacon signals on the 160-190KHz so called 'Lowfer band', take a look at Mitch Powell's site: http://technology.fanshawec.on.ca/tele354/ . Once on the site click on the section showing a series of screen captures of a group of six beacon signals from all over the US operating at the popular 185.300 to 185.305 portion of the band - all copied at the same time! Yes, that's only 5Hz of bandwidth. It's slow CW typically 30 sec dots, 90sec dashes, so you have to see them rather than listen.

To receive these signals with your R-75 all that is needed is a free downloaded program called ARGO, a sound card in your computer, and a descent low frequency antenna. Could be a loop or a simpler E-probe antenna, but forget about that long-wire unless you are located far from any power lines and neighborhood computers. Since local noise sources tend to be a real problem at these frequencies a 1 to 1 isolator transformer (typically a #43 ferrite core or bead having a 20T to 20T ratio) is usually required next to the R75 to remove the noise riding on the coax feed line to the antenna.

If there are any questions (on Lowfer transmitting too), let me know.

Bill Ashlock
Beacon WA
185.300 KHz

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2576. Re: [icomr75] AGC mod vs. RF gain control

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-24 17:07:44 UTC
From: Gert Nilsson
Topic: 2573 Message: 2576

When you turn back the RF gain you are overriding the AGC. The only drawback is a little lower total gain. (If you turn off the AGC you can do the same but with higher gain)
----- Original Message -----
From: Dave Ulrick
To: ICOM R75 Mailing List
Sent: Thursday, October 24, 2002 3:45 PM
Subject: [icomr75] AGC mod vs. RF gain control

Hi,

I own an unmodded R75. When listening in AM mode, I can hear the AGC-related pumping/distortion on all sorts of signals if I have the RF gain control set to 12 o'clock, but if I turn the RF gain control to the left until the S-meter's reading begins to rise, this seems to stabilize the audio and eliminates most fading distortion. With most strong stations, the adjustment works out to be two marks to the left, so I find that stabilizing the audio in this manner is very easy to do, and the resulting audio is quite pleasant to listen to. This trick seems to work both in slow and fast AGC modes. (Of course, the trick is _essential_ if I turn AGC off. :-))

My question is this: is there any improvement in the R75's AM audio gained by the AGC mod beyond what I hear when I back off the RF gain, or does a modded R75 sound pretty much the same as what I'm already hearing? I'm happy with the audio quality I get when I back off the RF gain, but if the AGC mod will give me a further improvement, I'll consider having it done.

Thanks,
Dave
--
==
Dave Ulrick, Systems Programmer E-mail: d-ulrick@...
Northern Illinois University Web: http://www.niu.edu/~ulrick/
DeKalb, IL, USA

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[Non-text portions of this message have been removed]

2577. Re: AGC mod vs. RF gain control

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-24 18:17:41 UTC
From: LarryR
Topic: 2573 Message: 2577

I've tried all these tricks (except the mods) and I think ECSS works better than any of them, especially with the 3.3kHz filter, and without any adjustment of AGC. All I do is push the SSB button (maybe twice to check both sidebands) and tweak the PBT a little to improve the tone and I'm done - don't even have to adjust the frequency.

--- In icomr75@y..., "Gert Nilsson" <gert.nilsson@m...> wrote:
> When you turn back the RF gain you are overriding the AGC. The only drawback is a little lower total gain. (If you turn off the AGC you can do the same but with higher gain)
> ----- Original Message -----
> From: Dave Ulrick
> To: ICOM R75 Mailing List
> Sent: Thursday, October 24, 2002 3:45 PM
> Subject: [icomr75] AGC mod vs. RF gain control
>
>
> Hi,
>
> I own an unmodded R75. When listening in AM mode, I can hear the
> AGC-related pumping/distortion on all sorts of signals if I have the
> RF gain control set to 12 o'clock, but if I turn the RF gain control
> to the left until the S-meter's reading begins to rise, this seems to
> stabilize the audio and eliminates most fading distortion. With most
> strong stations, the adjustment works out to be two marks to the left,
> so I find that stabilizing the audio in this manner is very easy to
> do, and the resulting audio is quite pleasant to listen to. This
> trick seems to work both in slow and fast AGC modes. (Of course, the
> trick is _essential_ if I turn AGC off. :-))
>
> My question is this: is there any improvement in the R75's AM audio
> gained by the AGC mod beyond what I hear when I back off the RF gain,
> or does a modded R75 sound pretty much the same as what I'm already
> hearing? I'm happy with the audio quality I get when I back off the

> RF gain, but if the AGC mod will give me a further improvement,
I'll
> consider having it done.
>
> Thanks,
> Dave
> --
>
==
> Dave Ulrick, Systems Programmer E-mail: d-ulrick@n...
> Northern Illinois University Web:
http://www.niu.edu/~ulrick/
> DeKalb, IL, USA
>
>
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>
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@e...
>
>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
>
>
> [Non-text portions of this message have been removed]

2578. Re: [icomr75] AGC mod vs. RF gain control

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-24 18:52:05 UTC
From: Dave Ulrick
Topic: 2573 Message: 2578

On Thu, 24 Oct 2002, Gert Nilsson wrote:

> When you turn back the RF gain you are overriding the AGC. The
> only drawback is a little lower total gain. (If you turn off the
> AGC you can do the same but with higher gain)

I think I might be catching on. :-)

If I understand correctly, what the AGC mod would buy me is reduced audio distortion without any need to reduce RF gain. I can see how that would be a Good Thing especially for weak signals. I think I understand what you're saying about turning off AGC. I find that turning off AGC tends to give me the very best audio, but with that method I've got to be extra-careful about how I set the RF gain.

By the way, I notice that Kiwa has partially suspended operations until they complete a move to another state. When I tried to send an email to them, it bounced with a message that their mailbox was over quota. I suppose I'll have to patiently wait for them to finish their move before I pursue getting the mods.

Dave
--
==========
Dave Ulrick, Systems Programmer E-mail: d-ulrick@...
Northern Illinois University Web: http://www.niu.edu/~ulrick/
DeKalb, IL, USA

2579. Re: AGC mod vs. RF gain control

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-25 04:33:37 UTC
From: ptrlmpn
Topic: 2573 Message: 2579

I may be wrong, but I believe that reducing the RF gain
does not completely disable AGC: what it does is limiting
its range. If you decrease the RF gain, you essentially
attenuate (though a variable resistor).
Hence, there is less range between the maximum amplification
that can still be provided, and the amplification that the AGC
wishes to provide.

The fading on max RF gain happens when AGC tries to increase
gain a lot during a fade. If there is no more space for
increase, then this problem becomes less serious.
At any rate, the Kiwa AGC mod will still be a substantial improvement.
Now that Kiwa is closed, you can also try to do it yourself:
it only involves soldering a capacitor.

Best,

Peter

--- In icomr75@y..., Dave Ulrick <d-ulrick@n...> wrote:
> On Thu, 24 Oct 2002, Gert Nilsson wrote:
>
> > When you turn back the RF gain you are overriding the AGC. The
> > only drawback is a little lower total gain. (If you turn off the
> > AGC you can do the same but with higher gain)
>
> I think I might be catching on. :-)
>
> If I understand correctly, what the AGC mod would buy me is reduced
> audio distortion without any need to reduce RF gain. I can see how
> that would be a Good Thing especially for weak signals. I think I
> understand what you're saying about turning off AGC. I find that
> turning off AGC tends to give me the very best audio, but with that
> method I've got to be extra-careful about how I set the RF gain.
>
> By the way, I notice that Kiwa has partially suspended operations
> until they complete a move to another state. When I tried to send
an
> email to them, it bounced with a message that their mailbox was over
> quota. I suppose I'll have to patiently wait for them to finish
their
> move before I pursue getting the mods.
>
> Dave
> --
>

```
==========================================================================
> Dave Ulrick, Systems Programmer E-mail: d-ulrick@n...
> Northern Illinois University Web: http://www.niu.edu/~ulrick/
> DeKalb, IL, USA
```

2580. Re: [icomr75] Re: AGC mod vs. RF gain control

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-25 04:51:23 UTC
From: Gert Nilsson
Topic: 2573 Message: 2580

The KIWA(?) AGC mod of the AGC make the internal AGC of the AM demodulator chip a little slower, thus the AGC derived outside this circuit to decide the total AGC.

AGC is not a simple attenuation through a resistor. The AGC detector/amplifier produce an AGC voltage provided to the AGC line on several amplification stages in the receiver. Total AGC range may be around 100 dB. Using the RF gain produces a DC signal applied to the AGC line. When this DC signal is stronger than the derived AGC voltage, the DC signal decides amplification/gain. This signal is not fluctuating at all, thus the stable reception. You can find a postion where the applied DC signal is just about the same as the AGC level. This is often the best level which makes listening very good. The NB depends on total amplification. If you reduce gain to much, the noise gate won't operate normally. If you on the other hand turn AGC off and use the receiver with more than usual RF Gain the noise gate may operate on weaker noise levels!
I may be wrong, but I believe that reducing the RF gain
does not completely disable AGC: what it does is limiting
its range. If you decrease the RF gain, you essentially
attenuate (though a variable resistor).

[Non-text portions of this message have been removed]

2581. Hello and info request

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-25 07:07:51 UTC
From: wywh273
Topic: 2581 Message: 2581

Dear friends,

I just bought a new IC-R75 with DSP to substitute my Yaesu FRG 100.

I have subscribed to your list and downloaded messages generated since July 2002 to avoid questions already answered.

It is extremely instructive to read all of these tips and such "passionate" (to understate) discussion on certain topics.

At the moment I am in the learning phase and playing games with filters
combination.

1 point that might be of interest to new-comers.

I run a RadioRaft software and RadioCom 4.0.

In the beginning I linked the cables as I had done with the FRG 100.

I.e. RadioRaft decoder from the Rec Exit to the RS serial port (COM 2) of PC and
the sound cable for RadioCom from the Ext. Speaker plug straight to the
Sounblaster input. Control was through CAT device on COM1.

In the beginning it was just a mess. The decoders were not working, and
all I could hear was just an awful audio through the PC Monitor Louds.

I went to the R75 set menu and discovered the REC REM was on. Switching
it to off fixed all the problems.

My next step is to build up a new controller for the RadioCom.

BTW, I read about R75 Smart Control software. Could you give me some hint about it and the kind of interface I need?

I downloaded the r75.zip file and the xls manager, but I could not find
help on the interface.

Last but not least could you tell what is the best mix of factory filters to enjoy the Twin PBT at its best in AM?

My current configuration is as follows:

Standard: 9Mhz 15 455K 6

Narrow: 9Mhz 2.4 455K 2.4

Wide: 9Mhz 15 455K 15

With this configurazion the Standard AM seems not to gain a lot from Twin PBT, while SSB improves a lot. Suggestions?

Thanks a lot for your attention / help.

I-2140 TO Michelangelo

2582. Re: AGC mod vs. RF gain control

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-25 07:36:02 UTC
From: ptrlmpn
Topic: 2573 Message: 2582

I know that AGC is more than attenuation through a resistor!
I was simply saying that I believe that RF gain control is simply attenuation through a resistor. When the overall RF gain decreases (due to the resistor), the AGC has less room for maneuvre, since the difference between the max RF gain that can be delivered, and the RF gain required by the AGC and subsequent detection, becomes smaller.
I hope this is a somewhat better explanation... do you agree with it?

Peter

--- In icomr75@y..., "Gert Nilsson" <gert.nilsson@m...> wrote:
> The KIWA(?) AGC mod of the AGC make the internal AGC of the AM demodulator chip a little slower, thus the AGC derived outside this circuit to decide the total AGC.
>
> AGC is not a simple attenuation through a resistor. The AGC detector/amplifier produce an AGC voltage provided to the AGC line on several amplification stages in the receiver. Total AGC range may be around 100 dB. Using the RF gain produces a DC signal applied to the AGC line. When this DC signal is stronger than the derived AGC voltage, the DC signal decides amplification/gain. This signal is not fluctuating at all, thus the stable reception. You can find a postion where the applied DC signal is just about the same as the AGC level. This is often the best level which makes listening very good. The NB depends on total amplification. If you reduce gain to much, the noise gate won't operate normally. If you on the other hand turn AGC off and use the receiver with more than usual RF Gain the noise gate may operate on weaker noise levels!
> I may be wrong, but I believe that reducing the RF gain
> does not completely disable AGC: what it does is limiting
> its range. If you decrease the RF gain, you essentially
> attenuate (though a variable resistor).
>
> [Non-text portions of this message have been removed]

2583. Re: [icomr75] Re: AGC mod vs. RF gain control

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-25 15:03:00 UTC
From: Dave Ulrick
Topic: 2573 Message: 2583

On Fri, 25 Oct 2002, ptrlmpn wrote:

[snip]

> At any rate, the Kiwa AGC mod will still be a substantial improvement.
> Now that Kiwa is closed, you can also try to do it yourself:
> it only involves soldering a capacitor.

I don't have any electronics experience, but I know some folks who do.
Is the AGC mod what's shown as 'C2' at:

http://groups.yahoo.com/group/icomr75/files/R75%20mods/S-AM%20mod%20v2.1.pdf

pin 4 on IC2001 (AGC) to ground? (OK, I know a few electronics
symbols, but don't let that fool you. :-)) Is IC2001 clearly marked
when you open the case, or do you need to use the block diagram or
schematic to find it?

> Best,
>
> Peter

Dave
--
==
Dave Ulrick, Systems Programmer E-mail: d-ulrick@...
Northern Illinois University Web: http://www.niu.edu/~ulrick/
DeKalb, IL, USA

2584. Re: Computer Noise

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-25 22:12:58 UTC
From: bill
Topic: 2556 Message: 2584

Thank you for the info :)
> Bill,
>
> You have a 100 Foot Perimeter around you Roof.
> 1. A 100 Foot Horizontal Loop would 'offer' Low Noise Antenna.
> Or, a 100 Foot Four Sided Bent Random Wire Antenna.
> 2. Coax FeedLine would 'reduce' noise pick-up into an around the
R75
> and your Computer.
> 3. A Matching Transformer would effective 'couple' the Antenna to
the
> Coax.
>
> * * * The 'Low Noise' SWL Antenna * * *
>
> From the Association of North American Radio Clubs (ANARC)
website
> and the Rec.Radio.ShortWave (NG) Web Page Text Written by John
Doty
> * http://www.anarc.org/naswa/badx/antennas/low-noise_antenna.html
>
> =Quote= It doesn't take very much wire to pick up an adequate
signal
> for anything but the crudest shortwave receiver. The Difference
> between a mediocre antenna system and a great antenna system isn't
the
> antenna itself: it's the way you feed signals from the antenna to
the
> receiver. The Real Trick with a shortwave receiving antenna
system
> is to keep your receiver from picking up noise from all the
electrical
> and electronic gadgets you and your neighbors have. =Un-Quote=
>
> Diagrams of Random Wire Antenna using a Balun and Coax FeedLine
> * http://www.geocities.com/n2uhc/wire.html
> * http://www.kc7nod.20m.com/improved_rw.htm
>
> RHF = Here is my Double Nickel (Ten Cents Worth) on this
> Very Simple and Basic Low Noise SWL Antenna:
> 1. 50-200 Feet of 14-16 AWG Insulated 19 Strand Copper Wire
> 2. Height of Support Points 15-30 Feet.
> 3. Bottom Feed Point for both Ground and Coax.
> 4. Matching Transformer (UnUn)
> 5. Bury the Coax if possible.

>
> A Great "Balun" (Really a "Un Un" Matching Transformer) for this
and
> many other antennas. Is the ICE 180 that is not only a Matching
> Transformer but a Lightening Surpressor.
> http://www.hard-core-dx.com/nordicdx/antenna/feed/ice180.html
> This Hard-Core-Dx.Com Web Page Text Written by John Doty
> =Quote= A Matching Transformer at the Base of the Antenna can
smooth
> out the fluctuations in antenna system efficiency with frequency,
> yielding an Antenna System that Works well enough for good
reception
> from LongWave to the top of the ShortWave Range. =Un-Quote=
>
> Here is a "Do-It-Yourself" Matching Transformer
> * http://www.kc7nod.20m.com/new_page_1.htm
>
> Some Say,
> - On a Clear Night... You Can See Forever !
>
> I Would Say,
> - Why Limit Yourself - Simply Close Your Eyes and Listen.
> - - For On Any Night... You Can Hear Forever !
> - - - Turn the Radio On... Turn the Radio On!
>
> ~ RHF
>
> - - - In icomr75@y..., "bill" <billv233@y...> wrote:
> > What's the best antenna I can place on the roof?
> > I live in a small rowhome in philly a block from a big hospital.
> > I want to use my r75 with my computer "amd1900 and a epox 8k3a+
> mobo"
> > for computer control and cw and rtty receive decoder programs.
> > I am in the front upstairs room with the radio and computer next
to
> > one another,"about 4 feet apart".
> > I have right now a coax going to the middle room where I made a
temp
> > antenna wire that goes down to the ally wall from the window.
> > also I ran a second wire down to the water faucet in the yard
for a
> > ground.
> > My receive is great untill I turn on the computer, then the
noise
> > starts.
> > I dont't have a lot of room for a long wire as I must stay only
on
> > my roof which is about 16ft wide east to west and about 34ft
north
> > to south.

> > What should I put up on the roof?
> > Simple wire antenna, "will the computer noise still be there?".
> > Any awnsers ????
> > A active roof antenna, "will it increase noise from the
computer"?
> > Thank you !!!!!!!!!!!!!!!!!!
> > Help!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

2585. Re: computer noise

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-25 22:14:01 UTC
From: bill
Topic: 2556 Message: 2585

Thank you very much.
> If your roof is high and you are primarily interested in a couple
of
> bands, you might consider a simple horizontal dipole. "High" means
> more than 1/2 wavelength so you get a low angle of attack for DX.
The
> length of the dipole is a little less than 1/2 wavelength - exact
> formulas are widely known but I don't remember off-hand, but for
> example for the 40m band you need about 20m of space and each
element
> is 10m long. You get a small amount of gain by orienting
> perpendicular to the signal of interest. You can couple more than
one
> pair of elements to the same coax in a crossed fashion to achieve
> multi-band reception, or you can buy or make a G5RV which is
> available on eBay for about $20 and does the same thing. Dipoles
are
> supposed to be low noise, and of course the coax feed greatly
helps
> in this regard. Incidentally, some will tell you that you need a
> balun to couple the balanced dipole to the unbalanced coax; others
> will tell you that one element is simply soldered directly to the
> shield and the other to the center conductor, and that the long
> length of coax, through electromagnetic magic that literally
nobody
> understands, acts as a balun.
>
>
> --- In icomr75@y..., "bill" <billv233@y...> wrote:
> > What's the best antenna I can place on the roof?
> > I live in a small rowhome in philly a block from a big hospital.
> > I want to use my r75 with my computer "amd1900 and a epox 8k3a+
> mobo"
> ....

2586. Re: NEW: Fidelity Increase Modification

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-25 23:00:38 UTC
From: just_rtfm
Topic: 2551 Message: 2586

hi Bill:

i will be providing some technical information (spectral analysis type stuff) on the fidelity mod this weekend. AFAIK only Ken and i have done the mod... maybe i should make some recordings.

regards,
phil :)

2587. Re: AGC mod vs. RF gain control

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-26 00:03:37 UTC
From: just_rtfm
Topic: 2573 Message: 2587

hi Dave:

yes, attach a 220 uF electrolytic capacitor (in the proper orientation!) between IC pin 4 and ground. see Dr. Rado's PDF version 1.1 (aka the earlier one) for pictures and more details!

http://groups.yahoo.com/group/icomr75/files/R75%20mods/R75_AM_and_SAM_mod_VER11.pdf

FWIW i am planning on releasing a PDF teaching soldering to surface-mount this weekend.

regards,
phil :)

2588. Re: [icomr75] Re: NEW: Fidelity Increase Modification

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-26 01:57:51 UTC
From: Bill Brady
Topic: 2551 Message: 2588

> hi Bill:
>
> i will be providing some technical information (spectral analysis
> type stuff) on the fidelity mod this weekend. AFAIK only Ken and i
> have done the mod... maybe i should make some recordings.
>
> regards,
> phil :)
>

I'd love to hear some recordings! Although my 75 has the 2.1 mods, I am still not happy with the sound. Years ago I would not have hesitated to make any mod. Now that I am a senior citizen and the components have gotten even smaller, I hesitate. The more info the better!

--Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest hour that the most stars come out.

[Non-text portions of this message have been removed]

2589. Re: NEW: Fidelity Increase Modification

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-26 02:11:43 UTC
From: Jim Hackett
Topic: 2551 Message: 2589

I didn't mean this to be a reply. Sorry. This is the ONLY way I could get a message to post! When I click on POST, it says "your message has been posted" Really? Before I even type it? Wow! Anyone else notice this?

--- In icomr75@y..., Bill Brady <wmbrady@c...> wrote:
> > hi Bill:
> >
> > i will be providing some technical information (spectral analysis
> > type stuff) on the fidelity mod this weekend. AFAIK only Ken and i
> > have done the mod... maybe i should make some recordings.
> >
> > regards,
> > phil :)
> >
>
> I'd love to hear some recordings! Although my 75 has the 2.1 mods, I am
> still not happy with the sound. Years ago I would not have hesitated to make
> any mod. Now that I am a senior citizen and the components have gotten even
> smaller, I hesitate. The more info the better!
>
> --Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest
> hour that the most stars come out.
>
>
>
>
> [Non-text portions of this message have been removed]

2590. RE: [icomr75] Hello and info request

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-26 02:25:46 UTC
From: Enrique A. Wembagher
Topic: 2581 Message: 2590

Miguel Angel,

> I run a RadioRaft software and RadioCom 4.0.
>
> In the beginning I linked the cables as I had done with the FRG 100.
>
> I.e. RadioRaft decoder from the Rec Exit to the RS serial port (COM 2)
> of PC and
> the sound cable for RadioCom from the Ext. Speaker plug straight to
> the
> Sounblaster input. Control was through CAT device on COM1.

Yo uso tambien Radioraft 3.21, conecta REC (R75) -> Decoder Interface ->
COM2 (PC)

> My next step is to build up a new controller for the RadioCom.

Para el RadioCom usa REC (R75) -> LINE IN or MIC IN (SBlaster)

> BTW, I read about R75 Smart Control software. Could you give me some
> hint about it and the kind of interface I need?

SmartIcom es excelente usa RS232 db9(R75) -> COM1 (PC)

Suerte

Enrique

2591. NEW: Fidelity Mod Application Notes

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-27 00:45:43 UTC
From: just_rtfm
Topic: 2591 Message: 2591

hi everyone:

in the files section under "Phil's Shack" you will now find a PDF
with spectral plots and a discussion of my latest mod. the file is
entitled "Phil's Fidelity Increase Mod Notes". here is the link:

http://groups.yahoo.com/group/icomr75/files/Phil%27s%
20Shack/Phidnote.pdf

regards,
phil :)

2592. Re: NEW: Fidelity Mod Application Notes

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-27 01:32:57 UTC
From: Jim Hackett
Topic: 2591 Message: 2592

You might add that it would be adviseable to perform the Phildelity mod BEFORE performing the Synch/AGC mod. Just a thought I had. Although, had I done a cleaner method when I did the synch mod, there might have been more room. Ahh, hindsight. Ain't it grand?

--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> hi everyone:
>
> in the files section under "Phil's Shack" you will now find a PDF
> with spectral plots and a discussion of my latest mod. the file is
> entitled "Phil's Fidelity Increase Mod Notes". here is the link:
>
> http://groups.yahoo.com/group/icomr75/files/Phil%27s%
> 20Shack/Phidnote.pdf
>
> regards,
> phil :)

2593. NEW: Soldering Course PDF

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-27 02:26:39 UTC
From: just_rtfm
Topic: 2593 Message: 2593

hi everyone:

i added another file in "Phil's Shack" that teaches surface-mount soldering. it is called "Phil's Soldering 101 Course". link:

http://groups.yahoo.com/group/icomr75/files/Phil%27s%20Shack/PhilSold.pdf

regards,
phil :)

2594. Re: Main Dial

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-27 07:37:23 UTC
From: lars_wiik
Topic: 854 Message: 2594

Dear Rado,

It is nice to read about your work to improve the receiver R-75.
I am planning to buy a new receiver and R75 is a hot object. I have tried to turn the main dial knob and I noticed that this knob is not spinning as easy (I am perfectionist also) as I would like it to be. Can you please tell me if this is possible to adjust on R75? Is it possible in any aspect to adjust the main dial mechanism or is it just there with the knob pushed on the dial shaft? I am of the opinion that more expensive receivers have the possibility to make some dial/knob adjustments...

How do you like the receiver when listening on 0,5 - 1,5 MHz and all the strong stations in this band during evenings?

Best regards
Lars Wiik / SM5GQV (Ham)

--- In icomr75@y..., "Radostin Danev" <rado@n...> wrote:
> Hi Simone,
>
> The knob on the dial is held only by friction (there is a flat spring).
> Removing the knob is done by simply pulling it (hard enough). Then you'll
> see the nut holding the encoder. I don't think however that there is an easy
> way to tilt the axis of the encoder. In my case the knob is not perfectly
> centered on the axis of the encoder so when turning the dial it wobbles a
> little. This is not bothering me at all.
> When I was modifying my R75 the last time I disassembled the front unit
> completely. Also disassembled the main dial encoder and replaced the grease
> with special perfluorinated grease (lasts forever). Another thing I did was
> grounding of the case of the CPU clock x-tal. (call me perfectionist)
>
> Best regards,
>
> Rado

2595. Re: [icomr75] NEW: Soldering Course PDF

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-27 08:48:50 UTC
From: lloyd davies
Topic: 2593 Message: 2595

Yes, that is good, Phil. I need some of those Murata filters to make me a mod for my R-75. I posted that I wanted to get some filters from someone, but noone seemed to respond to my posts..

--
Lloyd Davies - N0VFP
God created only so many perfect heads...
the rest he covered with hair !
ICOM R-75 Hallicrafters S-120
Radio Shack Dx-398/ATS-909/DX-440/DX-100
Pro-92 Pro 2050 - ADI HT-204 FT-470
http://clik.to/n0vfp

----- Original Message -----
From: just_rtfm
To: icomr75@yahoogroups.com
Sent: Saturday, October 26, 2002 8:26 PM
Subject: [icomr75] NEW: Soldering Course PDF

hi everyone:

i added another file in "Phil's Shack" that teaches surface-mount soldering. it is called "Phil's Soldering 101 Course". link:

http://groups.yahoo.com/group/icomr75/files/Phil%27s%20Shack/PhilSold.pdf

regards,
phil :)

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[Non-text portions of this message have been removed]

2596. Re: [icomr75] Re: Main Dial

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-27 09:13:17 UTC
From: Bill Brady
Topic: 854 Message: 2596

>
> Dear Rado,
>
> It is nice to read about your work to improve the receiver R-75.
> I am planning to buy a new receiver and R75 is a hot object. I have
> tried to turn the main dial knob and I noticed that this knob is not
> spinning as easy (I am perfectionist also) as I would like it to be.
> Can you please tell me if this is possible to adjust on R75?

Hi Lars,

There is a little tension adjuster at the bottom of the knob. It looks a bit like a slide switch. I have never tried it, however.

--Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest hour that the most stars come out.

[Non-text portions of this message have been removed]

2597. Re: [icomr75] Re: Main Dial

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-27 14:39:01 UTC
From: Gert Nilsson
Topic: 854 Message: 2597

Hallo Lars!

There is a simple friction control for the main dial. I always use it with minimum friction.

It copes quite good with strong signals in the AM band. However there are other receivers on the market with better strong signal handling. My old R71 is perhaps a little better in this respect.
----- Original Message -----
From: lars_wiik
To: icomr75@yahoogroups.com
Sent: Sunday, October 27, 2002 7:37 AM
Subject: [icomr75] Re: Main Dial

Dear Rado,

It is nice to read about your work to improve the receiver R-75.
I am planning to buy a new receiver and R75 is a hot object. I have tried to turn the main dial knob and I noticed that this knob is not spinning as easy (I am perfectionist also) as I would like it to be. Can you please tell me if this is possible to adjust on R75? Is it possible in any aspect to adjust the main dial mechanism or is it just there with the knob pushed on the dial shaft? I am of the opinion that more expensive receivers have the possibility to make some dial/knob adjustments...

How do you like the receiver when listening on 0,5 - 1,5 MHz and all the strong stations in this band during evenings?

Best regards
Lars Wiik / SM5GQV (Ham)

--- In icomr75@y..., "Radostin Danev" <rado@n...> wrote:
> Hi Simone,
>
> The knob on the dial is held only by friction (there is a flat spring).
> Removing the knob is done by simply pulling it (hard enough). Then you'll
> see the nut holding the encoder. I don't think however that there is an easy
> way to tilt the axis of the encoder. In my case the knob is not perfectly
> centered on the axis of the encoder so when turning the dial it wobbles a
> little. This is not bothering me at all.
> When I was modifying my R75 the last time I disassembled the front

unit
> completely. Also disassembled the main dial encoder and replaced
the grease
> with special perfluorinated grease (lasts forever). Another thing I
did was
> grounding of the case of the CPU clock x-tal. (call me
perfectionist)
>
> Best regards,
>
> Rado

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[Non-text portions of this message have been removed]

2598. Re: NEW: Soldering Course PDF

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-27 16:22:12 UTC
From: just_rtfm
Topic: 2593 Message: 2598

hi Lloyd:

check the company i mentioned in the filter mod PDF. i purchased two
3 kHz filters for $7 each and sent one to a friend. this mod is "ok":
it was more to show how easy / cheap it could be to add a ceramic.

phil :)

2599. FRT-7700 Antenna Tuner

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-27 20:57:18 UTC
From: dejimk0jad
Topic: 2599 Message: 2599

Hi! I am a new member here. I have a Yaesu FRT-7700 tuner but lost the instructions and schematics for it. I wonder if anyone who has them and ownes a scanner could send them to me? Thanks, Jim K0JAD

2600. Re: [icomr75] Re: Main Dial

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-27 22:04:32 UTC
From: Rik van Riel
Topic: 854 Message: 2600

On Sun, 27 Oct 2002, Bill Brady wrote: > There is a little tension adjuster at the bottom of the knob. It looks a > bit like a slide switch. I have never tried it, however. Ahhh, so _that's_ what that knob is for ;) I just tried it and I like my R75 tuning knob at the very lightest position ;) Rik -- Bravely reimplemented by the knights who say "NIH". http://www.surriel.com/ http://distro.conectiva.com/ Current spamtrap: october@...

2601. Will the S-AM mod work effectively when 6kHz filter is selected?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-28 08:27:27 UTC
From: januaryabc
Topic: 2601 Message: 2601

Will the S-AM mod work effectively when 6kHz filter is selected?

THX

2602. Re: [icomr75] Re: AGC mod vs. RF gain control

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-28 15:17:59 UTC
From: Dave Ulrick
Topic: 2573 Message: 2602

On Sat, 26 Oct 2002, just_rtfm wrote:

> hi Dave:
>
> yes, attach a 220 uF electrolytic capacitor (in the proper
> orientation!) between IC pin 4 and ground. see Dr. Rado's PDF version
> 1.1 (aka the earlier one) for pictures and more details!
>
> http://groups.yahoo.com/group/icomr75/files/R75%
> 20mods/R75_AM_and_SAM_mod_VER11.pdf
>
> FWIW i am planning on releasing a PDF teaching soldering to surface-
> mount this weekend.

Thanks for the tips. I've learned that one of my friends has two
years of experience in working with surface-mount electronics, so all
I have to do now is to prevail upon him to make the mod for me. :-)

> regards,
> phil :)

Dave
--
==
Dave Ulrick, Systems Programmer E-mail: d-ulrick@...
Northern Illinois University Web: http://www.niu.edu/~ulrick/
DeKalb, IL, USA

2603. Re: [icomr75] Re: Main Dial

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-28 17:18:21 UTC
From: Bruce Jensen
Topic: 854 Message: 2603

It works well. You can adjust it from free-wheeling to very snug, always
smooth as silk.

Bruce Jensen
****
--- Bill Brady <wmbrady@...> wrote:
> >
> > Dear Rado,
> >
> > It is nice to read about your work to improve the receiver R-75.
> > I am planning to buy a new receiver and R75 is a hot object. I have
> > tried to turn the main dial knob and I noticed that this knob is not
> > spinning as easy (I am perfectionist also) as I would like it to be.
> > Can you please tell me if this is possible to adjust on R75?
>
> Hi Lars,
>
> There is a little tension adjuster at the bottom of the knob. It looks a
> bit
> like a slide switch. I have never tried it, however.
>
> --Wm. "Bill" Brady, Harwood MD 38?51'30"N 76?41'00"W - Its in the
> darkest
> hour that the most stars come out.
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

=====
Cheers,
Bruce Jensen
~~~~~~~~~~~~
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

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~~~~~~~~~~~~

2604. Re: [icomr75] Will the S-AM mod work effectively when 6kHz filter is selected?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-28 17:22:13 UTC
From: Bruce Jensen
Topic: 2601 Message: 2604

Yes. It works in all am modes and all filters. It is really an AGC mod,
and the S-AM really already works well.

Best wishes,
Bruce Jensen
****
--- januaryabc <januaryabc@...> wrote:
> Will the S-AM mod work effectively when 6kHz filter is selected?
>
> THX
>
>

=====
Cheers,
Bruce Jensen
~~~~~~~~~~~~
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

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~~~~~~~~~~~~

2605. VFO/MEM transfer

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-29 04:30:14 UTC
From: Marv Loopstra
Topic: 2605 Message: 2605

Hi all,
Haven't played much w/ the transfer feature from VFO to MEM and vise
versa for the past year or so. Did so tonight and am hoping I am doing something wrong:
I can transfer from MEM to VFO as the book says but when I do the same
thing from VFO to a blank memory, absolutely zilch happens. My blank
memory remains blank. It beep once, not twice though. Blank Skip is
"OFF".
I am hoping that it is operator error....
Can anyone put me at ease and tell me my radio is ok, it's me that's
broken?
Marv in Sacto.
R-75
PCR-1000
AOR 8200

2606. Re: Will the S-AM mod work effectively when 6kHz filter is selected?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-29 04:39:20 UTC
From: januaryabc
Topic: 2601 Message: 2606

But how to select to lock upper or lower sideband?

--- In icomr75@y..., Bruce Jensen <bpnjensen@y...> wrote:
> Yes. It works in all am modes and all filters. It is really an
AGC mod,
> and the S-AM really already works well.
>
> Best wishes,
> Bruce Jensen
> ***********
> --- januaryabc <januaryabc@y...> wrote:
> > Will the S-AM mod work effectively when 6kHz filter is selected?
> >
> > THX
> >
> >
>
>
> =====
> Cheers,
> Bruce Jensen
> ~~~~~~~~~~~~
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> Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
> ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio
>
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2607. Re: VFO/MEM transfer

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-29 06:40:02 UTC
From: just_rtfm
Topic: 2605 Message: 2607

hi Marv:

read my cookbook in the files section... there is a part that
discusses how to use these functions.

phil :)

2608. Re: VFO/MEM transfer

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-29 06:40:59 UTC
From: Jim Hackett
Topic: 2605 Message: 2608

When in the VFO mode, if you hold the MW button for 2 seconds it will write the contents of the VFO to whatever memory location is displayed in the lower right of the display.

--- In icomr75@y..., Marv Loopstra <bizjetmech@e...> wrote:
> Hi all,
> Haven't played much w/ the transfer feature from VFO to MEM and vise
> versa for the past year or so. Did so tonight and am hoping I am doing something wrong:
> I can transfer from MEM to VFO as the book says but when I do the same
> thing from VFO to a blank memory, absolutely zilch happens. My blank
> memory remains blank. It beep once, not twice though. Blank Skip is
> "OFF".
> I am hoping that it is operator error....
> Can anyone put me at ease and tell me my radio is ok, it's me that's
> broken?
> Marv in Sacto.
> R-75
> PCR-1000
> AOR 8200

2609. Re: Will the S-AM mod work effectively when 6kHz filter is selected?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-29 06:43:08 UTC
From: just_rtfm
Topic: 2601 Message: 2609

> But how to select to lock upper or lower sideband?

you can do this with filters... see my cookbook in the files section.
basically you use the narrow dual 2.4 kHz filters and detune by plus
(USB) or minus (LSB) 1.2 kHz (half the filter width).

phil :)

2610. Re: VFO/MEM transfer

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-29 06:44:56 UTC
From: Jim Hackett
Topic: 2605 Message: 2610

OOPS! Left something out. When you go back to MEM mode, if you see nothing displayed, press the SEL button to display the frequency, otherwise you will see nothing because you hadn't entered a name for the frequency. Not sure that makes sense to you. It does to me. I have a tendency to NOT make myself clear at times :~)

--- In icomr75@y..., Marv Loopstra <bizjetmech@e...> wrote:
> Hi all,
> Haven't played much w/ the transfer feature from VFO to MEM and vise
> versa for the past year or so. Did so tonight and am hoping I am doing something wrong:
> I can transfer from MEM to VFO as the book says but when I do the same
> thing from VFO to a blank memory, absolutely zilch happens. My blank
> memory remains blank. It beep once, not twice though. Blank Skip is
> "OFF".
> I am hoping that it is operator error....
> Can anyone put me at ease and tell me my radio is ok, it's me that's
> broken?
> Marv in Sacto.
> R-75
> PCR-1000
> AOR 8200

2611. Re: [icomr75] Re: VFO/MEM transfer

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-29 13:46:20 UTC
From: Marv Loopstra
Topic: 2605 Message: 2611

Hi Phil, Jim and all,
Oh, believe me Phil, your book is the first place I went to!
Looks as though I have a problem then.
1) In VFO mode I tune a freq.
2) I select a memory to transfer it to, as illustrated by "BLANK"
above the number.
3) I press V/M for 2-3 seconds.
4) I press V/M to go back to MEM mode and find that it is still blank.
5) I press SEL and it remains blank.
My baby's not well.... I am heart broken.
Marv :-(

2612. Re: [icomr75] Re: VFO/MEM transfer

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-29 14:41:57 UTC
From: Gert Nilsson
Topic: 2605 Message: 2612

You should press the Memory Write (MW) button to save a new channel in the selected memory.
----- Original Message -----
From: Marv Loopstra
To: just_rtfm
Cc: icomr75@yahoogroups.com
Sent: Tuesday, October 29, 2002 1:46 PM
Subject: Re: [icomr75] Re: VFO/MEM transfer

Hi Phil, Jim and all,
Oh, believe me Phil, your book is the first place I went to!
Looks as though I have a problem then.
1) In VFO mode I tune a freq.
2) I select a memory to transfer it to, as illustrated by "BLANK"
above the number.
3) I press V/M for 2-3 seconds.
4) I press V/M to go back to MEM mode and find that it is still blank.
5) I press SEL and it remains blank.
My baby's not well.... I am heart broken.
Marv :-(

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[Non-text portions of this message have been removed]

2613. Re: NEW: Soldering Course PDF

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-29 15:37:14 UTC
From: LarryR
Topic: 2593 Message: 2613

Excellent!

--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> hi everyone:
>
> i added another file in "Phil's Shack" that teaches surface-mount
> soldering. it is called "Phil's Soldering 101 Course". link:
>
> http://groups.yahoo.com/group/icomr75/files/Phil%27s%
> 20Shack/PhilSold.pdf
>
> regards,
> phil :)

2614. Re: [icomr75] Re: Will the S-AM mod work effectively when 6kHz filter is selected?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-29 16:17:06 UTC
From: Bruce Jensen
Topic: 2601 Message: 2614

--- januaryabc <januaryabc@...> wrote:
> But how to select to lock upper or lower sideband?

Well - it is not sideband-selectable, so you cannot lock the USB or LSB for synch AM. That is not the design.

Not a bad substitute, however, is using the S-AM in either 2.4 or (if you have gotten one) the 3.8/4 kHz filter, and turning the PBT one way or the other to minimize the offending sideband interference. Works quite well!

Bruce Jensen
****
>
>
>
> --- In icomr75@y..., Bruce Jensen <bpnjensen@y...> wrote:
> > Yes. It works in all am modes and all filters. It is really an
> AGC mod,
> > and the S-AM really already works well.
> >
> > Best wishes,
> > Bruce Jensen
> > **********
> > --- januaryabc <januaryabc@y...> wrote:
> > > Will the S-AM mod work effectively when 6kHz filter is selected?
> > >
> > > THX
> > >
> > >
> >
> >
> > =====
> > Cheers,
> > Bruce Jensen
> > ~~~~~~~~~~
> > The Astronomy Connection http://observers.org/
> > Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
> > ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio
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2615. Re: [icomr75] FRT-7700 Antenna Tuner

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-29 21:19:52 UTC
From: Johan Letterstål
Topic: 2599 Message: 2615

Hi Jim + rest of list,
I have the schematics, but no scanner available. Did you get help or should I continue, getting it scanned by someone?
73s Johan L, Sweden

----- Ursprungligt meddelande -----
Från: "dejimk0jad" <dejimk0jad@...>
Till: <icomr75@yahoogroups.com>
Skickat: den 27 oktober 2002 21:57
Ämne: [icomr75] FRT-7700 Antenna Tuner

> Hi! I am a new member here. I have a Yaesu FRT-7700 tuner but lost
> the instructions and schematics for it. I wonder if anyone who has
> them and ownes a scanner could send them to me? Thanks, Jim K0JAD
>
>
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2616. Re: [icomr75] Re: VFO/MEM transfer

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-29 22:16:41 UTC
From: Bill Brady
Topic: 2605 Message: 2616

> Hi Phil, Jim and all,
> Oh, believe me Phil, your book is the first place I went to!
> Looks as though I have a problem then.
> 1) In VFO mode I tune a freq.
> 2) I select a memory to transfer it to, as illustrated by "BLANK"
> above the number.
> 3) I press V/M for 2-3 seconds.
> 4) I press V/M to go back to MEM mode and find that it is still blank.
> 5) I press SEL and it remains blank.
> My baby's not well.... I am heart broken.
> Marv :-(

I have experienced the same problem. It seems that I have to do the operation several times before I get a freq. into a memory location. I thought it was just my ignorance.

--Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest hour that the most stars come out.

[Non-text portions of this message have been removed]

2617. Re[2]: [icomr75] Re: VFO/MEM transfer

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-30 00:26:33 UTC
From: Marv Loopstra
Topic: 2605 Message: 2617

Hello Gert, Phil, Jim, and all,
DUH! Yes, Gert's suggestion works. I guess I was having my standard rectal cranial inversion. I totally misread the intent (of what the transfers on pg. 29) of the manual was. For the life of me, I have been doing memory writes since I bought my baby, just never clicked.
Sorry for the wasted bandwidth guys!

Thanks everybody!
Marv

GN> You should press the Memory Write (MW) button to save a new channel in the selected memory.
GN> ----- Original Message -----

2618. Introduction

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-30 03:36:20 UTC
From: bmartin000
Topic: 2253 Message: 2618

Good day/evening everyone. I just found this group and glad I have. I am nowhere near as technical as many in this group, though I hope to gain some insight from those that are. I won't ask alot in this post. I just thought I would introduce myself and say hello. I've been an R75 owner for about 2 years now and have nothing too bad to say about the radio. It is by far better than anything I have owned previously and have pulled some very nice DX out of it with nothing more than a long wire. The SAM has gotten alot of bad press and I must agree, although I never owned or heard a radio that possessed SAM so I'm not sure what it should sound like. I do know that by using the PBT and SSB that I was able to pull out very weak stations. Nevertheless I will not go on about such things. And now with the help of Phil's cookbook, those utes are coming in wonderful, mostly do to the good software available. How things advance in a couple years. I do have some filter and mod questions but that can wait until I have read all 2000 previous posts :). Although alot of posts seem to be between a reciever that's price is almost twice that of the R75???? How you can compare such things,to me is like comparing a Sable to a BMW. And the Sable being better. :)
Anyway. Glad to be a part of such a fine lookin group.

2619. Evaluation of Mizuho AT-2000 Antenna Coupler/Tuner

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-31 21:45:25 UTC
From: Moxie3
Topic: 2619 Message: 2619

Payman,
By far, you are asking the wrong person to do an evaluation of the Mizuho but I'll do my best. You got to also realize that I haven't fully learned the Icom's controls, let alone other related issues. But since you asked, I thought I would get this off and maybe later do an updated evaluation on performance when I have more experience with it.

Reason for Buying a Tuner: To hopefully better tune stations; in other words, to hear stations more clearly.

Why a Mizuho vs. Other Brands: Because of various recommendations, including some from members of this site including David Ross and Paulo, as well as evaluations from other sources on Mizuho products which were all highly satisfactory. I found that many hams rate Mizuho products highly and some collect Mizuho products as well. There is an internet group, with seemingly cult status, exclusively for Mizuho users. Because of recommendations, Mizuho's reputation, and the fact that the unit is passive (no power required), I decided on Mizuho and this particular model, the AT-2000.

Construction: The tuner appears to be constructed very well. It is has an all metal case and is made in Japan. Medium gray color on top and sides with a dark gray front. Looks great on top of my R75.

Controls: Consist of 2 tuning knobs which are used in conjunction with each other to achieve peak sensitivity, a 4 position "Q" selector knob (this allows selecting the best matching point) , an 8 band selector knob, and a bypass slide switch which allows you to bypass the tuner. You can see a diagram and picture of the tuner at www.jjdcom.com/Global-AT2000.htm Another picture can be seen at www.thiecom.de/at2000.htm - this is where I purchased my tuner. The rear consists of connectors for coax and wire antennas but I think that only one antenna can be used at one time as there isn't an antenna selector switch.

Cost: Paid $127 (the price varies with the exchange rate but I had added about $1.50 to compensate for possible changes in favor of the Euro) delivered from Germany from THIECOM Import-Export Communications in Bremen, Germany for a new unit. There are other companies such as www.wsplc.com/acatalog/Online_Catalogue_Receiver_ATUs_28.html in the UK which sell the identical unit under the Global brand name, the Global AT-2000, for about $15 to $20 more but easier to purchase as they accept major credit cards. Decided to go with the German company as they were the only company I could locate selling the tuner under the Mizuho name. Although the company requested a bank draft in Euros, the bank wanted $40 for the draft. At my request, the company accepted a certified bank check in dollars which didn't cost anything. I preferred the Mizuho name rather than the Global brand name because Mizuho is known internationally and may be easier to sell if need be. As a matter of information, I am told, that Mizuho does not make this tuner any longer but this information was not confirmed.

Performance: I guess this is what you're really looking for. The problem is that since I haven't had much experience with the tuner, nor any tuner for that matter, I really don't

know what I should be expecting. Not even sure whether I'm tuning it properly. Anyway, I've used the tuner now for about 20 minutes and had decided a few minutes ago that I can't notice any difference whatsoever. I had tried comparing several stations, with and without tuner, and could not determine any difference. However, just received a somewhat weak station on 12175.00 with a lot of background noise, etc. Switched the bypass switch to tuner, set the band and "Q" setting and tuned the 2 knobs; it works. The voice was barely audible and had a lot of background noise - the tuner brought the station in so that you could understand the voice and it reduced background noise. But this was the only time I could determine a difference so I really don't know what to tell you. Since I use my radio only casually and very occasionally, I would definitely not recommend a tuner for someone like myself as the benefits are minimal. Would I spend $127 for the tuner knowing what I know now? No!
George

[Non-text portions of this message have been removed]

2620. Re: FRT-7700 Antenna Tuner

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-31 22:39:55 UTC
From: dejimk0jad
Topic: 2599 Message: 2620

Thank you Johan! I did get help but I really appreciate your offer.
Much thanks my friend, Jim K0JAD

--- In icomr75@y..., Johan Letterstål <johan.letterstal@m...>
wrote:
> Hi Jim + rest of list,
> I have the schematics, but no scanner available. Did you get help
or should I continue, getting it scanned by someone?
> 73s Johan L, Sweden
>
>
> ----- Ursprungligt meddelande -----
> Från: "dejimk0jad" <dejimk0jad@y...>
> Till: <icomr75@y...>
> Skickat: den 27 oktober 2002 21:57
> Ämne: [icomr75] FRT-7700 Antenna Tuner
>
>
> > Hi! I am a new member here. I have a Yaesu FRT-7700 tuner but
lost
> > the instructions and schematics for it. I wonder if anyone who
has
> > them and ownes a scanner could send them to me? Thanks, Jim K0JAD
> >
> >
> >
> > To unsubscribe from this group, send an email to:
> > icomr75-unsubscribe@e...
> >
> >
> >
> > Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/
> >
> >
> >

2621. Re: Introduction

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-01 05:18:27 UTC
From: just_rtfm
Topic: 2253 Message: 2621

hello and welcome aboard! check the files section... fixes are
available for the AM automatic gain control and sync. if you have
specific questions fire away... plenty of helpful people onboard.

regards,
phil :)

2622. Fidelity Mod Wav File

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-01 05:44:53 UTC
From: just_rtfm
Topic: 2622 Message: 2622

hi everyone:

i have uploaded (link below) a wav recorded after doing the fidelity increase mod [note: Sync-AM and AM-AGC mods were also done]... notice the highs in the song. settings were S-AM and dual 15-kHz filters... the first 10 seconds were with NR on (fidelity ~4200 Hz), the last 10 seconds without (fidelity ~6200 Hz).

if your primary R75 usage is world-band or music listening you will enjoy this mod. if your primary usage is ham or utilities then you may want to use a switch. either usage has a choice between the 47k-ohm and 100k-ohm resistors... to obtain filter bandwidths of 5500 Hz and 4200 Hz respectively.

http://members.truepath.com/justrtfm/philmod.wav

regards,
phil :)

2623. Re: NEW: Soldering Course PDF

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-01 05:46:22 UTC
From: just_rtfm
Topic: 2593 Message: 2623

> Excellent!

thanks Larry... i hope it will help people out when putting their
R75 "under the iron". ;)

phil :)

2624. Fidelity Mod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-01 13:26:27 UTC
From: Moxie3
Topic: 2624 Message: 2624

Phil,
Is the fidelity mod you mentioned the same as the Kiwa mod?
George

[Non-text portions of this message have been removed]

2625. Re: Introduction

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-01 14:58:11 UTC
From: Bob
Topic: 2253 Message: 2625

```
--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> hello and welcome aboard! check the files section... fixes are
> available for the AM automatic gain control and sync. if you have
> specific questions fire away... plenty of helpful people onboard.
>
> regards,
> phil :)
```

I can't make any of your pdf's open on my work computer or home computer. I get a message stating that I don't have the right font set. Work computer is Compaq deskpro en(4 months old). Pdf's from other sources open just fine in adobe acrobat. What am I doing wrong??

Bob KB0XR
Coon Rapids, MN

2626. shall I buy an R-75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-01 18:27:29 UTC
From: dukeofbecker
Topic: 2626 Message: 2626

I was a casual SWL for many years with a SONY 2010...It fell off a high table and broke...Tried to open it up to fix it myself, and that was the end of my SWL habit for quite a while.

I'm looking to get back into SWL, and I was considering a Grundig 800. An online review of the 800 from Radio Netherlands states that the R-75 may be an "interesting alternative" to the Grundig 800.

It seems that reviewers of the R-75 always have overall praise of this radio, but there is constant criticism of the SAM. Despite this, I'm seriously considering buying the R-75. I had synchronous selectable sideband on the SONY 2010 for years, and really never felt a need to use the "selectable" option. I imagine I would feel the same about the ECSS technique I've read about here.

My feeling is that although the Grundig 800 would be a fine radio for me, I will always yearn for something a bit more hardcore. The Drake R8B would be "overkill" for me. The sensitivity of the R-75, along with features like noise blanker, twin PBT, AGC, and the $600 street price seem to be drawing me in.

The question to all of you is...should I buy an R-75?
...or would the extra features, performance,and expense be wasted on someone who is, at present, almost exclusively a casual program listener?

What do you think?

2627. BCL filters?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-01 18:31:00 UTC
From: k0adl
Topic: 2627 Message: 2627

If I have an R75 and I am primarily interested in broadcast band listening, medium wave listening and hi-fidelity SSB, is there ANY reason that I should consider filters other than what ships from the factory? Again, I will emphasize that I am primarily interested in the best sound possible from the large broadcasters rather than spending hours trying to pick out some utility station in Antarctica. I currently have installed the S-AM mod, agc mod, DSP unit and voice synthesis unit. I pipe the audio out to a 7 band Rotel equalizer, Kenwood stereo amplifier and two large three-way Kenwood stereo speakers.

Thanks in advance for your advice!
Alan,
KØADL

2628. Re: shall I buy an R-75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-01 18:54:52 UTC
From: LarryR
Topic: 2626 Message: 2628

If you have the money, go for it. You won't be dissappointed. Maybe having a top quality radio will stimulate a keener interest.

Don't worry about the S-AM. That function (with selectable sideband) is easily replaced by using USB or LSB on AM signals because the R-75 has excellent frequency stability and the PBT lets you adjust the pass band for good fidelity. The details can be found in the various files stored on this group.

Keep in mind also that to get good use out of this (or any high-end) radio you will want a good (but not necessarily expensive) antenna - preferably outside.

--- In icomr75@y..., "dukeofbecker" <perezcj@c...> wrote:
> I was a casual SWL for many years with a SONY 2010...It fell off a
> high table and broke...Tried to open it up to fix it myself, and
that
> was the end of my SWL habit for quite a while.
>
> I'm looking to get back into SWL, and I was considering a Grundig
> 800. An online review of the 800 from Radio Netherlands states that
> the R-75 may be an "interesting alternative" to the Grundig 800.
>
> It seems that reviewers of the R-75 always have overall praise of
> this radio, but there is constant criticism of the SAM. Despite
this,
> I'm seriously considering buying the R-75. I had synchronous
> selectable sideband on the SONY 2010 for years, and really never
felt
> a need to use the "selectable" option. I imagine I would feel the
> same about the ECSS technique I've read about here.
>
> My feeling is that although the Grundig 800 would be a fine radio
for
> me, I will always yearn for something a bit more hardcore. The
Drake
> R8B would be "overkill" for me. The sensitivity of the R-75, along
> with features like noise blanker, twin PBT, AGC, and the $600
street
> price seem to be drawing me in.
>
> The question to all of you is...should I buy an R-75?
> ...or would the extra features, performance,and expense be wasted
on
> someone who is, at present, almost exclusively a casual program
> listener?

>
> What do you think?

2629. Re: [icomr75] shall I buy an R-75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-01 19:36:29 UTC
From: Bruce Jensen
Topic: 2626 Message: 2629

--- dukeofbecker <perezcj@...> wrote:

> It seems that reviewers of the R-75 always have overall praise of
> this radio, but there is constant criticism of the SAM. Despite this,
> I'm seriously considering buying the R-75. I had synchronous
> selectable sideband on the SONY 2010 for years, and really never felt
> a need to use the "selectable" option. I imagine I would feel the
> same about the ECSS technique I've read about here.
>
> My feeling is that although the Grundig 800 would be a fine radio for
> me, I will always yearn for something a bit more hardcore. The Drake
> R8B would be "overkill" for me. The sensitivity of the R-75, along
> with features like noise blanker, twin PBT, AGC, and the $600 street
> price seem to be drawing me in.
>
> The question to all of you is...should I buy an R-75?
> ...or would the extra features, performance,and expense be wasted on
> someone who is, at present, almost exclusively a casual program
> listener?

Hi - The R75 is a near-great radio by any standard. The S-AM problem is really overblown, and in fact, a brief discussion a few days ago explored the idea that the S-AM actually works quite well, especially with the Kiwa AGC mod. If you put an R75 side by side with a non-S-AM receiver, the difference becomes glaringly apparent - the S-AM on the R75 works very well. It just doesn't have the sideband selectable option, but that can be at least partially resolved by judicious use of the PBT. If you add this AGC mod (really a good idea) plus a 3.5-4 kHz filter to the radio, I seriously doubt your SWL DXing experience will be limited by anything except your antenna and local RF noise conditions. The sound is a little cramped by the small speaker IMO, but a decent external speaker or headphones solves this perception problem outright.

The DSP is really useful if you can get it. Good used R75s with the DSP can usually be had for $500 or less on places like EBay. The repair rate on these seems to be pretty low; I don't think there is a particular problem with getting one used if you trust the seller. Mine has been running beautifully for well over two years now.

Having said all of this, if you intend to stay purely a casual program listener, you'd probably get perfectly acceptable performance out of something less intricate and lower-priced. The S-AM is really nice, so the Grundig might be the way to go...and no mods really required to extract everything it is capable of delivering.

Good luck to you,
Bruce Jensen
****

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2630. Re: [icomr75] BCL filters?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-01 19:37:55 UTC
From: Bruce Jensen
Topic: 2627 Message: 2630

Howdy - I'd get the Kiwa filter mod. I love mine - it's just what the doctor ordered for crowded band conditions.

Bruce Jensen
****
--- k0adl <k0adlr75@...> wrote:
> If I have an R75 and I am primarily interested in broadcast band
> listening, medium wave listening and hi-fidelity SSB, is there ANY
> reason that I should consider filters other than what ships from the
> factory? Again, I will emphasize that I am primarily interested in
> the best sound possible from the large broadcasters rather than
> spending hours trying to pick out some utility station in Antarctica.
> I currently have installed the S-AM mod, agc mod, DSP unit and voice
> synthesis unit. I pipe the audio out to a 7 band Rotel equalizer,
> Kenwood stereo amplifier and two large three-way Kenwood stereo
> speakers.
>
> Thanks in advance for your advice!
> Alan,
> K?ADL
>
>

=====
Cheers,
Bruce Jensen
~~~~~~~~~~~~
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

Do you Yahoo!?
HotJobs - Search new jobs daily now
http://hotjobs.yahoo.com/
~~~~~~~~~~~~

2631. RE: [icomr75] shall I buy an R-75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-01 21:42:58 UTC
From: Gordon Hagewood
Topic: 2626 Message: 2631

For casual listening and a good synch detector you can't go wrong with the Sat 800.

For a little more "hardcore" I'd go with the R-75. I own both. For listening to reasonably strong signals from BBC, Radio Canada(s), Australia, etc. (and much better sound), the Sat 800 is my choice. When I want to dig out AFRTS on SSB and really clean up the signal, you can't beat the wide range of controls on the R-75. Also, the ECSS mode with the R-75 is excellent due to receiver's excellent stability.

You might inquire with Universal Radio or Drake if they have any refurb Sat 800s. You could also check eBay. You can try it for a while and keep it if it suits your needs. If not, sell it on eBay for most of what you paid. If you can get the R-75 with the free DSP option for under $600 and money is not the issue, I would go with that. Using Phil's cookbook in the R-75 group files section will help you get the most out of it. The R-75 is the receiver I have the most fun with.

Gordon

Snippet below:

My feeling is that although the Grundig 800 would be a fine radio for me, I will always yearn for something a bit more hardcore. The Drake R8B would be "overkill" for me. The sensitivity of the R-75, along with features like noise blanker, twin PBT, AGC, and the $600 street price seem to be drawing me in.

The question to all of you is...should I buy an R-75?
...or would the extra features, performance,and expense be wasted on someone who is, at present, almost exclusively a casual program listener?

What do you think?

To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

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<http://docs.yahoo.com/info/terms/> Terms of Service.

[Non-text portions of this message have been removed]

2633. My take on the S-AM brouhaha

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-01 22:10:43 UTC
From: saucerchaser
Topic: 2633 Message: 2633

The R75's unmodfied S-AM is akin to buying
a box of condoms advertised as being lubricated,
finding them to be dry, wondering about the
manufacturer's definition of moisture, and then
being told on a newsgroup by satisfied customers
that it doesn't matter since you ought to have
a separate bottle of lube, anyway.

Leigh Hanlon
Chicago, USA
(Still happy with my unmodified R75 despite its sucky S-AM)

2634. Re: Fidelity Mod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 00:07:55 UTC
From: just_rtfm
Topic: 2624 Message: 2634

hi George:

> Is the fidelity mod you mentioned the same as the Kiwa mod?

no, my fidelity mod is new. Kiwa does however have an audio mod that
AFAIK replaces some capacitors in the audio chain.

phil :)

2635. Re: Introduction

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 00:10:56 UTC
From: just_rtfm
Topic: 2253 Message: 2635

hi Bob:

the problem may not be on your end... what version of adobe do you have? if you have the latest version i will redo the PDF with only standard fonts.

phil :)

2636. "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 01:00:59 UTC
From: saucerchaser
Topic: 2636 Message: 2636

Here's what the 2003 edition of "Passport to World Band Radio" has to say about the R75 and S-AM:

--> "The Icom R75's sync is virtually useless."

--> "Synchronous detector virtually nonfunctional."

--> "The R75 would have significantly more appeal if it had properly performing synchronous selectable sideband."

--> "The factory should have made this simple change in production years ago, but for whatever reason, Icom insists there is no problem."

Icom also doesn't seem to mind the criticism. They bought a full-page ad on Page 5, on which they tout this "innovative feature."

Leigh Hanlon
Chicago, USA

2637. Re: Introduction

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 01:59:59 UTC
From: bmartin000
Topic: 2253 Message: 2637

--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> hi Bob:
>
> the problem may not be on your end... what version of adobe do you
> have? if you have the latest version i will redo the PDF with only
> standard fonts.
>
> phil :)

I apologize if thats what you thought. There was definately nothing wrong with the cookbook whatsoever. In fact I meant it to come across as an extremely helpful document. I had a few brown pops at the time of typing that so what I said may not have been very clear. :). You put together some very helpful tips. There is no need to redo the pdf as I am technical on the computer end, just not so much the radio end of things. I'm using the latest adobe, so no worries there. In fact your tips allowed me to successfully capture some SSTV which I have always been curious about. Like I said, I wish I had discovered this group two years ago when i bought the radio because life may have been much easier. But then again, the challenge is half the fun. Thanks again.

Bob

2638. Re: Introduction

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 02:50:40 UTC
From: just_rtfm
Topic: 2253 Message: 2638

hi Bob:

i am happy you found the cookbook helpful! i create my PDFs in an usual fashion: by printing to a virtual PS printer and then using a GPL PS-to-PDF converter. it's called the "phil does not want to purchase adobe"-method.

regards,
phil :)

2639. Expanded Filter Selection

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 03:27:30 UTC
From: yaichaboo
Topic: 2639 Message: 2639

I just purchased the R75 last weekend & for the most part I like this radio but the manual is horrible. Can someone please explain Expanded Filter Selection? Turning this on does what???

2640. Dead horses and S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 03:37:45 UTC
From: saucerchaser
Topic: 2640 Message: 2640

At the risk of beating a dead horse, a few minutes ago I tuned both my SW77
and R75 to Radio Havana at 9.820 MHz. I used simple indoor antennas on
each radio: the whip on the SW77; a modified VHF TV rabbit ears for the R75.
(When I feel ambitious, I string a wire out to a nearby tree next to the
apartment building. But the whip and rabbit ears usually work great.)

Radio Havana's signal had moderate interference on both radios, and
occasional minor fading. Without engaging synch on either receiver, my
unmodified R75 definitely delivered a cleaner, more listenable signal, both on
headphones and its internal speaker. I don't know whether there was less
interference, but it *sounded* that way.

On the SW77, I completely eliminated the interference by using its
synchronous detector to select upper sideband.

On the R75, I couldn't tell any difference between AM and S-AM. The circuit
seems to be engaging, since when deactivating S-AM, I can hear a
faint pop.

I did note that the R75 did a much better job of holding the signal during
fading, but it did so regardless of whether S-AM was active.

The R75 is a great radio for me, but I just don't understand the difference
some of you guys are hearing when you say that S-AM is working well for you.
What exactly am I missing?

Leigh Hanlon
Chicago, USA

2641. Re: My take on the S-AM brouhaha

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 04:01:04 UTC
From: just_rtfm
Topic: 2633 Message: 2641

hi Leigh:

i have a different take: no receiver is designed perfectly. fortunately the R75's flaws have been identified and resolved. Dr. Rado was kind enough to create the Sync-AM mod. i did it and now SAM sounds great!

even with its flaws the R75, for me, is the lesser of many evils. the R75's immediate competitors lack even basic features such as an RF gain, PBT, or RS232 control... some are missing keypads or an FM mode, are oversized, have QC problems, poor displays, or aweful buttons and knobs. some units costing twice as much do not have 1 Hz tuning steps, DSP noise reduction, or a DSP notch filter. mods to fix any of these flaws would be extremely difficult (aka it's just not going to happen).

phil :)

2642. Re: Dead horses and S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 04:08:53 UTC
From: just_rtfm
Topic: 2640 Message: 2642

hi Leigh:

> What exactly am I missing?

don't beat that dead horse! do the mods and ride proudly into the sunset! my radio has Dr. Rado's Sync-AM and AM-AGC mods (Kiwa will do these for $35) as well as my fidelity mod. this is not Passport's R75!

phil :)

2643. Re: Introduction

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 12:00:49 UTC
From: Bob
Topic: 2253 Message: 2643

--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> hi Bob:
>
> i am happy you found the cookbook helpful! i create my PDFs in an
> usual fashion: by printing to a virtual PS printer and then using a
> GPL PS-to-PDF converter. it's called the "phil does not want to
> purchase adobe"-method.
>
> regards,
> phil :)

No Phil, I don't find it useful cause I can't read it. I have
fallen behind on computer technology since I sold my Commodore 64 a
long long time ago. I just depend on the manufacturer pack of
installed software. Think I'll get ahold of the IT guru at my job
and see what he can do for me. Thanks...

de KB0XR Bob in Minnesota

2644. Re: Introduction

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 12:03:36 UTC
From: Bob
Topic: 2253 Message: 2644

```
--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> hi Bob:
>
> the problem may not be on your end... what version of adobe do you
> have? if you have the latest version i will redo the PDF with only
> standard fonts.
>
> phil :)

It is version 3.0. Probably not the latest version

de KB0XR Bob in Minnesota
```

2645. Re: Evaluation of Mizuho AT-2000 Antenna Coupler/Tuner

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 12:13:53 UTC
From: dmcbohol
Topic: 2619 Message: 2645

Nov. 2, 2002

Hello !

Can the Mizuho AT-2000 Antenna Tuner be used for Transmission?

If not can someone recommend me a Mizuho AT for Transmission

Thanks

Dennis
the Philippines

2646. Re: [icomr75] Re: Evaluation of Mizuho AT-2000 Antenna Coupler/Tuner

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 14:07:38 UTC
From: Moxie3
Topic: 2619 Message: 2646

Dennis,
I believe the AT-2000 is for receive only but the Mizuho KX-QRP is for transmission. Look at the following site for a picture and evaluation of the KX-QRP: www.qsl.net/ku4qd/mizuho/kx.html I remember that the KX-QRP is more widely available than the AT-2000. I believe the sites I mentioned in my other post have the KX-QRP available for sale and costs a few dollars more than the AT-2000. Good luck.
George
----- Original Message -----
From: dmcbohol
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 6:13 AM
Subject: [icomr75] Re: Evaluation of Mizuho AT-2000 Antenna Coupler/Tuner

Nov. 2, 2002

Hello !

Can the Mizuho AT-2000 Antenna Tuner be used for Transmission?

If not can someone recommend me a Mizuho AT for Transmission

Thanks

Dennis
the Philippines

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icomr75-unsubscribe@egroups.com

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[Non-text portions of this message have been removed]

2647. Passive Outdoor Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 15:12:21 UTC
From: Moxie3
Topic: 2647 Message: 2647

I am looking for a good (not perfect)passive outdoor antenna which doesn't take much space. Is there such a thing as a passive loop antenna? All of the loop antennas I've seen advertised are active.
George

[Non-text portions of this message have been removed]

2648. Re: Fidelity Mod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 14:43:26 UTC
From: atagrasin
Topic: 2624 Message: 2648

> > Is the fidelity mod you mentioned the same as the Kiwa mod?
>
> no, my fidelity mod is new. Kiwa does however have an audio mod
that
> AFAIK replaces some capacitors in the audio chain.
>
> phil :)
HI Friends:I have both mods and the Phil's fidelity mod is better by
far.With a super high frequencies response range.An is a very easy
mod to do [only {4} 47k "SM" resistors in parallel].And as an extra
with the fidelity mod the DSP performance
improve.
Atagrasin

2649. Re: [icomr75] Passive Outdoor Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 14:47:27 UTC
From: John Pickrell
Topic: 2647 Message: 2649

Try an Eavesdropper C. I've been using one for six months with excellent results. The antenna element is 42' long(mountable in many configurations) and over all about 45'. They are available from many sources-just look them up on the net.

John P.
----- Original Message -----
From: Moxie3
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 10:12 AM
Subject: [icomr75] Passive Outdoor Antenna

I am looking for a good (not perfect)passive outdoor antenna which doesn't take much space. Is there such a thing as a passive loop antenna? All of the loop antennas I've seen advertised are active.
George

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

2650. Re: [icomr75] "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 15:38:24 UTC
From: Rik van Riel
Topic: 2636 Message: 2650

On Sat, 2 Nov 2002, saucerchaser wrote: > Here's what the 2003 edition of "Passport to World Band Radio" has to say > about the R75 and S-AM: > > --> "The Icom R75's sync is virtually useless." > > --> "Synchronous detector virtually nonfunctional." Nevertheless, I can hardly ever hear distortion on fading signals on my R75. Sure, it's true that AM and S-AM perform virtually the same, but in either mode it's a LOT better than the sync AM on my old Sony 7600G ;) The main problem with my R75 is fading. When listening in AM mode you can hear the fading, so for many broadcasts I just listen in SSB mode. This seems to be an AGC thing though, not a sync detector problem. regards, Rik -- Bravely reimplemented by the knights who say "NIH". http://www.surriel.com/ http://distro.conectiva.com/ Current spamtrap: october@...

2651. Re: [icomr75] Re: Fidelity Mod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 16:42:53 UTC
From: Moxie3
Topic: 2624 Message: 2651

Hey, why doesn't someone who is good with this electronics stuff start a small business installing these mods?
George
----- Original Message -----
From: atagrasin
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 8:43 AM
Subject: [icomr75] Re: Fidelity Mod

> > Is the fidelity mod you mentioned the same as the Kiwa mod?
>
> no, my fidelity mod is new. Kiwa does however have an audio mod that
> AFAIK replaces some capacitors in the audio chain.
>
> phil :)
HI Friends:I have both mods and the Phil's fidelity mod is better by far.With a super high frequencies response range.An is a very easy mod to do [only {4} 47k "SM" resistors in parallel].And as an extra with the fidelity mod the DSP performance improve.
Atagrasin

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[Non-text portions of this message have been removed]

2652. Re: [icomr75] Passive Outdoor Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 15:42:45 UTC
From: Rik van Riel
Topic: 2647 Message: 2652

On Sat, 2 Nov 2002, Moxie3 wrote: > I am looking for a good (not perfect)passive outdoor antenna which > doesn't take much space. Is there such a thing as a passive loop > antenna? All of the loop antennas I've seen advertised are active. If you have the space, build yourself a T2FD antenna of 15 to 20 meters in length. If you don't have the space, a vertical with loading coil is a good option. regards, Rik -- Bravely reimplemented by the knights who say "NIH". http://www.surriel.com/ http://distro.conectiva.com/ Current spamtrap: october@...

2653. Re: [icomr75] Passive Outdoor Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 16:47:06 UTC
From: Moxie3
Topic: 2647 Message: 2653

John P.,
How high did you install the Eavesdropper C?
George
----- Original Message -----
From: John Pickrell
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 8:47 AM
Subject: Re: [icomr75] Passive Outdoor Antenna

Try an Eavesdropper C. I've been using one for six months with excellent results. The antenna element is 42' long(mountable in many configurations) and over all about 45'. They are available from many sources-just look them up on the net.

John P.
----- Original Message -----
From: Moxie3
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 10:12 AM
Subject: [icomr75] Passive Outdoor Antenna

I am looking for a good (not perfect)passive outdoor antenna which doesn't take much space. Is there such a thing as a passive loop antenna? All of the loop antennas I've seen advertised are active.
George

[Non-text portions of this message have been removed]

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2654. Re: [icomr75] "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 16:21:05 UTC
From: Bruce Jensen
Topic: 2636 Message: 2654

--- saucerchaser <lthanlon@...> wrote:
> Here's what the 2003 edition of "Passport to World Band Radio" has to
> say
> about the R75 and S-AM:
>
> --> "The Icom R75's sync is virtually useless."
>
> --> "Synchronous detector virtually nonfunctional."
>
> --> "The R75 would have significantly more appeal if it had properly
> performing synchronous selectable sideband."
>
> --> "The factory should have made this simple change in production years
>
> ago, but for whatever reason, Icom insists there is no problem."
>
> Icom also doesn't seem to mind the criticism. They bought a full-page ad
> on Page 5, on which they tout this "innovative feature."

They admit the Kiwa mod fixes it. It certainly helps.

Bruce Jensen

_____
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http://hotjobs.yahoo.com/

2655. Re: [icomr75] Dead horses and S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 16:29:02 UTC
From: Bruce Jensen
Topic: 2640 Message: 2655

--- saucerchaser <lthanlon@...> wrote:
> At the risk of beating a dead horse, a few minutes ago I tuned both
> my SW77
> and R75 to Radio Havana at 9.820 MHz. I used simple indoor antennas
> on
> each radio: the whip on the SW77; a modified VHF TV rabbit ears for
> the R75.
> (When I feel ambitious, I string a wire out to a nearby tree next to
> the
> apartment building. But the whip and rabbit ears usually work great.)
>
> Radio Havana's signal had moderate interference on both radios, and
> occasional minor fading. Without engaging synch on either receiver,
> my
> unmodified R75 definitely delivered a cleaner, more listenable
> signal, both on
> headphones and its internal speaker. I don't know whether there was
> less
> interference, but it *sounded* that way.
>
> On the SW77, I completely eliminated the interference by using its
> synchronous detector to select upper sideband.
>
> On the R75, I couldn't tell any difference between AM and S-AM. The
> circuit
> seems to be engaging, since when deactivating S-AM, I can hear a
> faint pop.
>
> I did note that the R75 did a much better job of holding the signal
> during
> fading, but it did so regardless of whether S-AM was active.
>
> The R75 is a great radio for me, but I just don't understand the
> difference
> some of you guys are hearing when you say that S-AM is working well
> for you.
> What exactly am I missing?

Nothing - the point is that the AM is already so good that it is
practically synchronous. Mods may clean up the sound, but the synch works
fine.

And as we've pointed out, when the R75 is placed next to a non-S-AM radio,
there is significant difference. The R75 does not distort during fades as
do the others where the synch is obviously off.

Maybe the bigger gripe here is that, on the R75, you can't get straight AM, ONLY synch! :-)

Bruce Jensen

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http://hotjobs.yahoo.com/

2656. Re: [icomr75] Re: Introduction/PDF creation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 16:33:59 UTC
From: Zacharias Liangas
Topic: 2253 Message: 2656

Here are a series of very useful adresses for making PDFs at your wn

http://www.pdfzone.com/products/software/toolinfo_create.asp
list of PDF creation software

http://www.pdf995.com
a free pdf making software , low quality however

http://www.freedownloadscenter.com/Reviews/r755.html (Free easy PDF)
very good PDF creator requires only BMP pictures

On 2 Nov 2002 at 2:50, you wrote:

> hi Bob:
>
> i am happy you found the cookbook helpful! i create my PDFs in an
> usual fashion: by printing to a virtual PS printer and then using a
> GPL PS-to-PDF converter. it's called the "phil does not want to
> purchase adobe"-method.
>
> regards,
> phil :)
>
> _____

pen-DX sejak 72 - anggota World-DX-Club 2104,Play DX, dll
PP: R75/HF150/MVT7100/D2935 + 16m/1x1 + MFJ16010/1040/1025/752c/462
http://www.geocities.com/zliangas/
/trip2k.htm (dlm Bkk,SNG,BAli) /MP3_comp.htm comparison Xing/Fastenc
/napa.htm crash test Napa DAV315 MP3 player

2657. Re: "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 17:08:27 UTC
From: payman_a
Topic: 2636 Message: 2657

This is true, but Passport also mentions more than once that after-
market companies (i.e. Kiwa) can fix this, and they wonder why Icom
itself has not done the very easy fix.

With the Kiwa mods, this is a 5 star receiver, especially considering
the cost differential between the R75 and its competitors
(Drake, ...).

payman

--- In icomr75@y..., "saucerchaser" <lthanlon@e...> wrote:
> Here's what the 2003 edition of "Passport to World Band Radio" has
to say
> about the R75 and S-AM:
>
> --> "The Icom R75's sync is virtually useless."
>
> --> "Synchronous detector virtually nonfunctional."
>
> --> "The R75 would have significantly more appeal if it had
properly
> performing synchronous selectable sideband."
>
> --> "The factory should have made this simple change in production
years
> ago, but for whatever reason, Icom insists there is no problem."
>
> Icom also doesn't seem to mind the criticism. They bought a full-
page ad on
> Page 5, on which they tout this "innovative feature."
>
> Leigh Hanlon
> Chicago, USA

2658. Re: [icomr75] "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 17:24:07 UTC
From: Don Nelson
Topic: 2636 Message: 2658

Reducing fading is one of the features that a good synch am detector provides. A good synch circuit will reinject a carrier that is locked to the weak carrier present. This eliminates the fading you describe (the R75 does not exhibit deficiencies in the AGC) The R75 is deficient in SAM as it comes from the manufacturer, as discussed in Passport, and evidenced in my personal testing. Try comparing the R75 to a receiver that has a good SAM (say, a WJ8711 or TenTec 340 or NRD 535 or R8A/B or R7/A or even the venerable 2010 from Sony). To improve the R75 SAM, try the mods previously described, or get an outboard SE-3. YMMV Don Nelson 8711A/8712P/1000A/rx340/r590a/535D/R7/R75/DR333/RX320/545/2010/YB400PE ----- Original Message ----- From: "Rik van Riel" To: Sent: Saturday, November 02, 2002 7:38 AM Subject: Re: [icomr75] "Passport" still faults R75 S-AM On Sat, 2 Nov 2002, saucerchaser wrote: > Here's what the 2003 edition of "Passport to World Band Radio" has to say > about the R75 and S-AM: > > --> "The Icom R75's sync is virtually useless." > > --> "Synchronous detector virtually nonfunctional." Nevertheless, I can hardly ever hear distortion on fading signals on my R75. Sure, it's true that AM and S-AM perform virtually the same, but in either mode it's a LOT better than the sync AM on my old Sony 7600G ;) The main problem with my R75 is fading. When listening in AM mode you can hear the fading, so for many broadcasts I just listen in SSB mode. This seems to be an AGC thing though, not a sync detector problem. regards, Rik -- Bravely reimplemented by the knights who say "NIH". http://www.surriel.com/ http://distro.conectiva.com/ Current spamtrap: october@... To unsubscribe from this group, send an email to: icomr75-unsubscribe@egroups.com Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

2659. Re: [icomr75] Passive Outdoor Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 17:46:25 UTC
From: John Pickrell
Topic: 2647 Message: 2659

George,

Well that takes a lot of explaining-suffice to say I live in FL and in a Deed Restricted community.

My house has extra wide eaves and soffets (as most do in FL) so I dropped a stand off 14" below my gutters and strung the Eavesdropper (as a dipole) between the standoffs. So far the "Deed Restriction Police" have either not noticed or are ignoring it. My next step is to raise it about 10' and see how much attention I attract.

John P.

----- Original Message -----
From: Moxie3
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 11:47 AM
Subject: Re: [icomr75] Passive Outdoor Antenna

John P.,
How high did you install the Eavesdropper C?
George
----- Original Message -----
From: John Pickrell
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 8:47 AM
Subject: Re: [icomr75] Passive Outdoor Antenna

Try an Eavesdropper C. I've been using one for six months with excellent results. The antenna element is 42' long(mountable in many configurations) and over all about 45'. They are available from many sources-just look them up on the net.

John P.
----- Original Message -----
From: Moxie3
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 10:12 AM
Subject: [icomr75] Passive Outdoor Antenna

I am looking for a good (not perfect)passive outdoor antenna which doesn't take much space. Is there such a thing as a passive loop antenna? All of the loop antennas I've seen advertised are active.
George

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2660. Re: [icomr75] Passive Outdoor Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 19:45:57 UTC
From: Moxie3
Topic: 2647 Message: 2660

John P.,
What did you use before you installed the Eavesdropper and how did it compare to it? Which direction is the Eavesdropper installed? Sounds like your antenna is about 7 to 8 feet from the ground, is that right? I too live in Florida but my problem is my lot; although it is 1/2 acre, it has a lot of trees, front and back, which makes it almost impossible to get to a height above the trees, and difficult to string a 45 foot length horizontal antenna since branches are just about everywhere above 10 feet - I could probably locate some clear spots at about 12 feet high and maybe 15 feet in a limited area. My concerns with the antenna are height and direction: I didn't think I would be able to achieve an acceptable height i.e.20 to 25 feet. I also wanted to obtain signals from the east and west so I assume I need to string it north to south; based on your installation instructions for the Eavesdropper, does this seem right to you (minimum height and direction)? Yet, when I read Joe Carr's Antenna Handbook, it seems that most signals from far away are not directional anyway.
George

----- Original Message -----
From: John Pickrell
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 11:46 AM
Subject: Re: [icomr75] Passive Outdoor Antenna

George,

Well that takes a lot of explaining-suffice to say I live in FL and in a Deed Restricted community.

My house has extra wide eaves and soffets (as most do in FL) so I dropped a stand off 14" below my gutters and strung the Eavesdropper (as a dipole) between the standoffs. So far the "Deed Restriction Police" have either not noticed or are ignoring it. My next step is to raise it about 10' and see how much attention I attract.

John P.

----- Original Message -----
From: Moxie3
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 11:47 AM
Subject: Re: [icomr75] Passive Outdoor Antenna

John P.,
How high did you install the Eavesdropper C?
George
----- Original Message -----
From: John Pickrell
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 8:47 AM
Subject: Re: [icomr75] Passive Outdoor Antenna

Try an Eavesdropper C. I've been using one for six months with excellent results. The antenna element is 42' long(mountable in many configurations) and over all about 45'. They are available from many sources-just look them up on the net.

John P.
----- Original Message -----
From: Moxie3
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 10:12 AM
Subject: [icomr75] Passive Outdoor Antenna

I am looking for a good (not perfect)passive outdoor antenna which doesn't take much space. Is there such a thing as a passive loop antenna? All of the loop antennas I've seen advertised are active.
George

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2661. Re: [icomr75] Passive Outdoor Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 19:16:39 UTC
From: John Pickrell
Topic: 2647 Message: 2661

George,

To start, I have a Sangean roll-up and a Sony AN-LP1. The signal increase over both was at least 2 S units but the significant increase in performance came in the noise reduction (dipole antenna/common mode rejection?)-at least another 1-2 S units.

Physically, my antenna installation is far from desirable, it's only about 7' off the ground-that's why I want to raise it (Deed Restriction Police permitting). It is oriented NE/SW and I have good performance to Easter Europe/Russia, the Middle East, and northern Africa. I lack performance to the continent of Africa, Indo-Asia, and the Pacific rim. Occasionally, I can get Australia/New Zealand. Central, South America regions also perform well. My big disappointment is the western US, west of the Mississippi is down in the mud.

The way my house is built (concrete block) the antenna is shielded to the West by the way they cap walls down here-18" of concrete with re-bar. So without going to a beam, no trees etc, raising the antenna 7'-10' is the best I'm going to do (unless someone else out there has any suggestions).

John P.
----- Original Message -----
From: Moxie3
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 2:45 PM
Subject: Re: [icomr75] Passive Outdoor Antenna

John P.,
What did you use before you installed the Eavesdropper and how did it compare to it? Which direction is the Eavesdropper installed? Sounds like your antenna is about 7 to 8 feet from the ground, is that right? I too live in Florida but my problem is my lot; although it is 1/2 acre, it has a lot of trees, front and back, which makes it almost impossible to get to a height above the trees, and difficult to string a 45 foot length horizontal antenna since branches are just about everywhere above 10 feet - I could probably locate some clear spots at about 12 feet high and maybe 15 feet in a limited area. My concerns with the antenna are height and direction: I didn't think I would be able to achieve an acceptable height i.e.20 to 25 feet. I also wanted to obtain signals from the east and west so I assume I need to string it north to south; based on your installation instructions for the Eavesdropper, does this seem right to you (minimum height and direction)? Yet, George

----- Original Message -----
From: John Pickrell
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 11:46 AM
Subject: Re: [icomr75] Passive Outdoor Antenna

George,

Well that takes a lot of explaining-suffice to say I live in FL and in a Deed Restricted community.

My house has extra wide eaves and soffets (as most do in FL) so I dropped a stand off 14" below my gutters and strung the Eavesdropper (as a dipole) between the standoffs. So far the "Deed Restriction Police" have either not noticed or are ignoring it. My next step is to raise it about 10' and see how much attention I attract.

John P.

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From: Moxie3
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 11:47 AM
Subject: Re: [icomr75] Passive Outdoor Antenna

John P.,
How high did you install the Eavesdropper C?
George
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From: John Pickrell
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 8:47 AM
Subject: Re: [icomr75] Passive Outdoor Antenna

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To: icomr75@yahoogroups.com
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2662. Re: [icomr75] Passive Outdoor Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 19:24:14 UTC
From: John Pickrell
Topic: 2647 Message: 2662

George,

Another thing, actually two, the Eavesdropper C is automatically tuned by trap circuits and therefore requires no antenna tuner. It also comes with a gas-discharge tube (static discharge) device. So all things considered at $80.00 it's is not a bad deal.

John P.
----- Original Message -----
From: Moxie3
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 2:45 PM
Subject: Re: [icomr75] Passive Outdoor Antenna

John P.,
What did you use before you installed the Eavesdropper and how did it compare to it? Which direction is the Eavesdropper installed? Sounds like your antenna is about 7 to 8 feet from the ground, is that right? I too live in Florida but my problem is my lot; although it is 1/2 acre, it has a lot of trees, front and back, which makes it almost impossible to get to a height above the trees, and difficult to string a 45 foot length horizontal antenna since branches are just about everywhere above 10 feet - I could probably locate some clear spots at about 12 feet high and maybe 15 feet in a limited area. My concerns with the antenna are height and direction: I didn't think I would be able to achieve an acceptable height i.e.20 to 25 feet. I also wanted to obtain signals from the east and west so I assume I need to string it north to south; based on your installation instructions for the Eavesdropper, does this seem right to you (minimum height and direction)? Yet, George

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From: John Pickrell
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 11:46 AM
Subject: Re: [icomr75] Passive Outdoor Antenna

George,

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From: Moxie3
To: icomr75@yahoogroups.com

Sent: Saturday, November 02, 2002 11:47 AM
Subject: Re: [icomr75] Passive Outdoor Antenna

John P.,
How high did you install the Eavesdropper C?
George
----- Original Message -----
From: John Pickrell
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 8:47 AM
Subject: Re: [icomr75] Passive Outdoor Antenna

Try an Eavesdropper C. I've been using one for six months with excellent results. The antenna element is 42' long(mountable in many configurations) and over all about 45'. They are available from many sources-just look them up on the net.

John P.
----- Original Message -----
From: Moxie3
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 10:12 AM
Subject: [icomr75] Passive Outdoor Antenna

I am looking for a good (not perfect)passive outdoor antenna which doesn't take much space. Is there such a thing as a passive loop antenna? All of the loop antennas I've seen advertised are active.
George

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2663. Re: [icomr75] Passive Outdoor Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 20:32:26 UTC
From: Moxie3
Topic: 2647 Message: 2663

John,
You're right, and the 2002 edition of Passport to World Band Radio rates that antenna as being very good. Does the installation instructions provide a recommended height? The instructions for the dipole I'm now using in my attic recommends 25 feet.
George
----- Original Message -----
From: John Pickrell
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 1:24 PM
Subject: Re: [icomr75] Passive Outdoor Antenna

George,

Another thing, actually two, the Eavesdropper C is automatically tuned by trap circuits and therefore requires no antenna tuner. It also comes with a gas-discharge tube (static discharge) device. So all things considered at $80.00 it's is not a bad deal.

John P.
----- Original Message -----
From: Moxie3
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 2:45 PM
Subject: Re: [icomr75] Passive Outdoor Antenna

John P.,
What did you use before you installed the Eavesdropper and how did it compare to it? Which direction is the Eavesdropper installed? Sounds like your antenna is about 7 to 8 feet from the ground, is that right? I too live in Florida but my problem is my lot; although it is 1/2 acre, it has a lot of trees, front and back, which makes it almost impossible to get to a height above the trees, and difficult to string a 45 foot length horizontal antenna since branches are just about everywhere above 10 feet - I could probably locate some clear spots at about 12 feet high and maybe 15 feet in a limited area. My concerns with the antenna are height and direction: I didn't think I would be able to achieve an acceptable height i.e.20 to 25 feet. I also wanted to obtain signals from the east and west so I assume I need to string it north to south; based on your installation instructions for the Eavesdropper, does this seem right to you (minimum height and direction)? Yet, George

----- Original Message -----
From: John Pickrell
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 11:46 AM
Subject: Re: [icomr75] Passive Outdoor Antenna

George,

Well that takes a lot of explaining-suffice to say I live in FL and in a Deed Restricted community.

My house has extra wide eaves and soffets (as most do in FL) so I dropped a stand off 14" below my gutters and strung the Eavesdropper (as a dipole) between the standoffs. So far the "Deed Restriction Police" have either not noticed or are ignoring it. My next step is to raise it about 10' and see how much attention I attract.

John P.

----- Original Message -----
From: Moxie3
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 11:47 AM
Subject: Re: [icomr75] Passive Outdoor Antenna

John P.,
How high did you install the Eavesdropper C?
George
----- Original Message -----
From: John Pickrell
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 8:47 AM
Subject: Re: [icomr75] Passive Outdoor Antenna

Try an Eavesdropper C. I've been using one for six months with excellent results. The antenna element is 42' long(mountable in many configurations) and over all about 45'. They are available from many sources-just look them up on the net.

John P.
----- Original Message -----
From: Moxie3
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 10:12 AM
Subject: [icomr75] Passive Outdoor Antenna

I am looking for a good (not perfect)passive outdoor antenna which doesn't take much space. Is there such a thing as a passive loop antenna? All of the loop antennas I've seen advertised are active.
George

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2664. Re: Introduction

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 19:52:52 UTC
From: just_rtfm
Topic: 2253 Message: 2664

hi Bob:

please download the latest adobe reader version at www.adobe.com and
if you still have troubles i will redo with standard fonts only.

regards,
phil :)

2665. Re: [icomr75] Passive Outdoor Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 19:54:23 UTC
From: John Pickrell
Topic: 2647 Message: 2665

George,

Yes, and I quote, "The Eavesdropper is designed to be suspended with the center of the antenna about 25' above ground." They also state that it can be installed as a horizontal dipole, sloper, or inverted "V", additionally, they go on to state that the ends may be bent into a "U", or "Z" configuration and "The Eavesdropper will still work very well in even the most compromised locations."

Hope this answers most of your questions. I recently converted to Windows 2000 Pro and have no driver for my scanner or I would scan the directions and shoot them off.

John P.
----- Original Message -----
From: Moxie3
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 3:32 PM
Subject: Re: [icomr75] Passive Outdoor Antenna

John,
You're right, and the 2002 edition of Passport to World Band Radio rates that antenna as being very good. Does the installation instructions provide a recommended height? The instructions for the dipole I'm now using in my attic recommends 25 feet.
George
----- Original Message -----
From: John Pickrell
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 1:24 PM
Subject: Re: [icomr75] Passive Outdoor Antenna

George,

Another thing, actually two, the Eavesdropper C is automatically tuned by trap circuits and therefore requires no antenna tuner. It also comes with a gas-discharge tube (static discharge) device. So all things considered at $80.00 it's is not a bad deal.

John P.
----- Original Message -----
From: Moxie3
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 2:45 PM
Subject: Re: [icomr75] Passive Outdoor Antenna

John P.,
What did you use before you installed the Eavesdropper and how did it compare to it? Which direction is the Eavesdropper installed? Sounds like your antenna is about 7 to 8 feet from the ground, is that right? I too live in Florida but my problem is my lot; although it is 1/2 acre, it has a lot of trees, front and back, which makes it almost impossible to get to

a height above the trees, and difficult to string a 45 foot length horizontal antenna since branches are just about everywhere above 10 feet - I could probably locate some clear spots at about 12 feet high and maybe 15 feet in a limited area. My concerns with the antenna are height and direction: I didn't think I would be able to achieve an acceptable height i.e.20 to 25 feet. I also wanted to obtain signals from the east and west so I assume I need to string it north to south; based on your installation instructions for the Eavesdropper, does this seem right to you (minimum height and dir
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To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 11:46 AM
Subject: Re: [icomr75] Passive Outdoor Antenna

George,

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My house has extra wide eaves and soffets (as most do in FL) so I dropped a stand off 14" below my gutters and strung the Eavesdropper (as a dipole) between the standoffs. So far the "Deed Restriction Police" have either not noticed or are ignoring it. My next step is to raise it about 10' and see how much attention I attract.

John P.

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From: Moxie3
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 11:47 AM
Subject: Re: [icomr75] Passive Outdoor Antenna

John P.,
How high did you install the Eavesdropper C?
George
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To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 8:47 AM
Subject: Re: [icomr75] Passive Outdoor Antenna

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John P.
----- Original Message -----
From: Moxie3
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 10:12 AM
Subject: [icomr75] Passive Outdoor Antenna

I am looking for a good (not perfect)passive outdoor antenna which doesn't take much space. Is there such a thing as a passive loop antenna? All of the loop antennas I've seen

advertised are active.
George

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2666. Re: Introduction/PDF creation

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 19:55:58 UTC
From: just_rtfm
Topic: 2253 Message: 2666

thank you Zacharias... the links provide good software... i am still working on formatting the text properly before it is release.

regards,
phil :)

2667. Re: [icomr75] "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 21:05:43 UTC
From: Rik van Riel
Topic: 2636 Message: 2667

On Sat, 2 Nov 2002, Don Nelson wrote: > Reducing fading is one of the features that a good synch am detector > provides. A good synch circuit will reinject a carrier that is locked to > the weak carrier present. This eliminates the fading you describe (the > R75 does not exhibit deficiencies in the AGC) Well, the R75's S-AM works in the aspect of removing the distortion that happens during selective fading. The only problem is that the fading is still audible as a "swoosh" over the (not distorted) audio. In SSB mode the AGC seems to behave itself much better and the signal remains nicely listenable. > Try comparing the R75 to a receiver that has a good SAM (say, a WJ8711 > or TenTec 340 or NRD 535 or R8A/B or R7/A or even the venerable 2010 > from Sony). I hope to get a chance for that some day ;) regards, Rik -- Bravely reimplemented by the knights who say "NIH". http://www.surriel.com/ http://distro.conectiva.com/ Current spamtrap: october@...

2668. phaser use

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 21:32:59 UTC
From: lew47oz
Topic: 2668 Message: 2668

Greetings from South Oz. I am awaiting the delivery of a MFJ signal phaser/ enhanser from the States, & was interested to hear from any users of the 1025/1026 units with their r75,s.
Cheers
Lew Chapman
Moana Beach
South Australia

2669. Re: [icomr75] Passive Outdoor Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 22:55:20 UTC
From: Moxie3
Topic: 2647 Message: 2669

John P.,
Thanks for the info. If I can't locate 45 feet horizontal space at 25 feet height, I'll stay with my indoor dipole. My intention was to improve reception over my dipole by using an outside antenna. Doesn't look good for me using the Eavesdropper, and I don't want going to an active antenna.
George
----- Original Message -----
From: John Pickrell
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 1:54 PM
Subject: Re: [icomr75] Passive Outdoor Antenna

George,

Yes, and I quote, "The Eavesdropper is designed to be suspended with the center of the antenna about 25' above ground." They also state that it can be installed as a horizontal dipole, sloper, or inverted "V", additionally, they go on to state that the ends may be bent into a "U", or "Z" configuration and "The Eavesdropper will still work very well in even the most compromised locations."

Hope this answers most of your questions. I recently converted to Windows 2000 Pro and have no driver for my scanner or I would scan the directions and shoot them off.

John P.
----- Original Message -----
From: Moxie3
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 3:32 PM
Subject: Re: [icomr75] Passive Outdoor Antenna

John,
You're right, and the 2002 edition of Passport to World Band Radio rates that antenna as being very good. Does the installation instructions provide a recommended height? The instructions for the dipole I'm now using in my attic recommends 25 feet.
George
----- Original Message -----
From: John Pickrell
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 1:24 PM
Subject: Re: [icomr75] Passive Outdoor Antenna

George,

Another thing, actually two, the Eavesdropper C is automatically tuned by trap circuits and therefore requires no antenna tuner. It also comes with a gas-discharge tube (static discharge) device. So all things considered at $80.00 it's is not a bad deal.

John P.
----- Original Message -----
From: Moxie3
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 2:45 PM
Subject: Re: [icomr75] Passive Outdoor Antenna

John P.,
What did you use before you installed the Eavesdropper and how did it compare to it? Which direction is the Eavesdropper installed? Sounds like your antenna is about 7 to 8 feet from the ground, is that right? I too live in Florida but my problem is my lot; although it is 1/2 acre, it has a lot of trees, front and back, which makes it almost impossible to get to a height above the trees, and difficult to string a 45 foot length horizontal antenna since branches are just about everywhere above 10 feet - I could probably locate some clear spots at about 12 feet high and maybe 15 feet in a limited area. My concerns with the antenna are height and direction: I didn't think I would be able to achieve an acceptable height i.e.20 to 25 feet. I also wanted to obtain signals from the east and west so I assume I need to string it north to south; based on your installation instructions for the Eavesdropper, does this seem right to you (minimum height and dir
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From: John Pickrell
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 11:46 AM
Subject: Re: [icomr75] Passive Outdoor Antenna

George,

Well that takes a lot of explaining-suffice to say I live in FL and in a Deed Restricted community.

My house has extra wide eaves and soffets (as most do in FL) so I dropped a stand off 14" below my gutters and strung the Eavesdropper (as a dipole) between the standoffs. So far the "Deed Restriction Police" have either not noticed or are ignoring it. My next step is to raise it about 10' and see how much attention I attract.

John P.

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From: Moxie3
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 11:47 AM
Subject: Re: [icomr75] Passive Outdoor Antenna

John P.,
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George
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From: John Pickrell
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 8:47 AM
Subject: Re: [icomr75] Passive Outdoor Antenna

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Sent: Saturday, November 02, 2002 10:12 AM
Subject: [icomr75] Passive Outdoor Antenna

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2670. Re: phaser use

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 21:58:17 UTC
From: just_rtfm
Topic: 2668 Message: 2670

hi Lew:

if you do MW DXing you may wish to read the following links:

http://www.hard-core-dx.com/nordicdx/antenna/special/index.html
http://www.angelfire.com/mb/amandx/mfj1026.html

regards,
phil :)

2671. R75 Advertising

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 21:58:28 UTC
From: Leigh Hanlon
Topic: 2671 Message: 2671

Payman writes: << This is true, but Passport also mentions more than once that after-market companies (i.e. Kiwa) can fix this, and they wonder why Icom itself has not done the very easy fix. With the Kiwa mods, this is a 5 star receiver, especially considering the cost differential between the R75 and its competitors (Drake, ...). >>

At the very least, Icom could advertise the R75 as a budget world-class receiver that works great unmodified and can, with optional accessories and tweaks, deliver taste that rivals the high-priced spread.

Leigh Hanlon
Chicago, USA

2672. Re: "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 23:30:58 UTC
From: just_rtfm
Topic: 2636 Message: 2672

hi Don:

the R75 does exhibit AGC deficiencies but in the AM mode only. ICOM implemented the Motorola MC13022A 'Advanced AM Stereo Decoder' chip using a 10 uF external capacitor (fast AGC setting). this over-rides the relatively slow AGC design of the receiver. Dr. Rado fixed this by adding a 220 uF capacitor, thus negating any ill-effects.

SAM is stuck in a "tuning mode" which has "very fast" (no whine) PLL locking. Dr. Rado describes adding a capacitor to introduce hysteresis (or lag, causing "slow lock") as well as a resistor to add bias (or base level, preventing loss of lock during fades).

IMO purchase of the SE-3 is unwarranted. i performed Dr. Rado's Sync-AM and AM-AGC mods, and my own AM fidelity, AM filter, and ECSS volume mods with <$25 in parts. using my soldering technique, the time involved is minimal.

i agree with you: Passport correctly faults the stock R75's SAM mode. considering the importance they place on SAM, did Passport give a rating for a Kiwa-modified R75?

i notice you have some premium receivers... have you tested them side-by-side against a modified R75? if so, any findings are welcome. a friend of mine who frequents this board has done such testing... i am sure he too would be interested in any commentary.

regards,
phil :)

2673. Re: [icomr75] Passive Outdoor Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 18:44:34 UTC
From: Jeff Santee
Topic: 2647 Message: 2673

----- Original Message ----- I am looking for a good (not perfect)passive outdoor antenna which doesn't take
much space. Is there such a thing as a passive loop antenna? All of the loop antennas I've seen advertised are active.
George
==========

You might try a DX 10 from universal.com. I believe it is
an RF Concepts antenna. Its a 7' high helically wound antenna.
It is rather pricey at 199.95$. Has built in impedance matcher
so you wouldnt need a tuner or anyhting else.

Jeff

[Non-text portions of this message have been removed]

2674. Re: [icomr75] Passive Outdoor Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-03 03:01:09 UTC
From: Moxie3
Topic: 2647 Message: 2674

Jeff,
I looked in the Universal catalog and didn't see a DX 10 antenna. Could you provide more info.
George
----- Original Message -----
From: Jeff Santee
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 12:44 PM
Subject: Re: [icomr75] Passive Outdoor Antenna

----- Original Message ----- I am looking for a good (not perfect)passive outdoor antenna which doesn't take
much space. Is there such a thing as a passive loop antenna? All of the loop antennas I've seen advertised are active.
George
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It is rather pricey at 199.95$. Has built in impedance matcher
so you wouldnt need a tuner or anyhting else.

Jeff

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2675. Re: [icomr75] Re: phaser use

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-03 14:44:09 UTC
From: Lew Chapman
Topic: 2668 Message: 2675

Thanks Phil I will have to do the mods for MW use, but what don't you have
to modify now days.
Keep up the good work with the cookbook etc.
Cheers Lew
At 09:58 PM 11/2/02 -0000, you wrote:
> hi Lew:
>
> if you do MW DXing you may wish to read the following links:
>
> http://www.hard-core-dx.com/nordicdx/antenna/special/index.html
> http://www.angelfire.com/mb/amandx/mfj1026.html
>
> regards,
> phil :)
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
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2676. Re: phaser use

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-03 02:48:37 UTC
From: just_rtfm
Topic: 2668 Message: 2676

> but what don't you have to modify now days.

hehe. yes Lew, the old adage is correct: "if you want something done
right... "

phil :)

2677. Re: [icomr75] Passive Outdoor Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-02 22:12:11 UTC
From: Jeff Santee
Topic: 2647 Message: 2677

----- Original Message -----
From: Moxie3
To: icomr75@yahoogroups.com
Sent: Sunday, November 03, 2002 3:01 AM
Subject: Re: [icomr75] Passive Outdoor Antenna

Jeff,
I looked in the Universal catalog and didn't see a DX 10 antenna. Could you provide more info.
George
==========

Sorry about that,, the antenna I was thinking of is called the
MTA by RF systems. The DX 10 is an amplified version which Universal
doesnt sell. Go to Universal.com and go to the online catalog and go
to the SW antenna section and scroll down to you see the RF systems
section and there you'll see the MTA, along with some others. The MTA
is supposed to be good from 500kc to 30mhz. The other models are for
a different frequency. I dont think Universal has that in their catalog,
which they havent updated in a while.

Jeff

[Non-text portions of this message have been removed]

2678. Re: "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-03 05:54:36 UTC
From: ptrlmpn
Topic: 2636 Message: 2678

--- In icomr75@y..., Rik van Riel <riel@c...> wrote:
> On Sat, 2 Nov 2002, saucerchaser wrote:
>
> > Here's what the 2003 edition of "Passport to World Band Radio" has to say
> > about the R75 and S-AM:
> >
> > --> "The Icom R75's sync is virtually useless."
> >
> > --> "Synchronous detector virtually nonfunctional."
>
> Nevertheless, I can hardly ever hear distortion on fading signals
> on my R75. Sure, it's true that AM and S-AM perform virtually the
> same, but in either mode it's a LOT better than the sync AM on my
> old Sony 7600G ;)
>
> The main problem with my R75 is fading. When listening in AM mode
> you can hear the fading, so for many broadcasts I just listen in
> SSB mode. This seems to be an AGC thing though, not a sync detector
> problem.
>
> regards,
>
> Rik
> --

Indeed, this is an AGC fix; I posted to this group some time
ago reporting that the normal AM mode is in fact already
quasi-synchronous detection, hence the similarity between
AM and S-AM.

I think Larry Magne does his reviews by looking
at the specs and doing a quick, half-hour test, rather than by
understanding in depth each receiver. His review of the
Wellbrook ALA antennas is similarly superficial.
Such superficial reviews were valuable in the pre-internet era,
but now one can find much better opinions online.
To my dismal, ARRL does even more superficial reviews (weren't they
supposed to be the professionals?
The site with the best "general" reviews seems to be Radio
Netherlands, at the moment.

Peter

2679. Re: "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-03 06:09:43 UTC
From: payman_a
Topic: 2636 Message: 2679

I don't understand why Passport simply does not 'rate' a Kiwa
modified R75. All it takes is two lines to say that we tested a
modified one, and here is what we think.

Passport's tests are done by Sherwood Engineering, where some
data can be found too (http://www.sherweng.com).

payman

--- In icomr75@y..., "ptrlmpn" <plampione@h...> wrote:
>
> Indeed, this is an AGC fix; I posted to this group some time
> ago reporting that the normal AM mode is in fact already
> quasi-synchronous detection, hence the similarity between
> AM and S-AM.
>
> I think Larry Magne does his reviews by looking
> at the specs and doing a quick, half-hour test, rather than by
> understanding in depth each receiver. His review of the
> Wellbrook ALA antennas is similarly superficial.
> Such superficial reviews were valuable in the pre-internet era,
> but now one can find much better opinions online.
> To my dismal, ARRL does even more superficial reviews (weren't they
> supposed to be the professionals?
> The site with the best "general" reviews seems to be Radio
> Netherlands, at the moment.
>
> Peter

2680. Re: "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-03 07:44:30 UTC
From: just_rtfm
Topic: 2636 Message: 2680

> I don't understand why Passport simply does not 'rate' a Kiwa
> modified R75.

maybe the results would upset a certain advertiser?

> Passport's tests are done by Sherwood Engineering, where some
> data can be found too (http://www.sherweng.com).

they do however rate a Sherwood SE3 ($500) modified R75. shocking
isn't it?

phil :)

2681. Will UT-106 come together?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-03 08:52:02 UTC
From: sipo1717
Topic: 2681 Message: 2681

Did anybody buy R75 online recently? I'm nearly ready to order
one, but just wondering whether I can get the UT-106 at the same
time I receive R75 - earlier posts suggest long delay for UT-106.

BTW, any suggestion about trusy online dealers?
Many thanks.

Pine Edmond

2682. Re: Will UT-106 come together?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-03 09:34:18 UTC
From: just_rtfm
Topic: 2681 Message: 2682

hi Pine:

i purchased my R75 from KJI. the owner, Gene, is very knowledgeable
(he is a ham and electrical engineer) and he specializes in ICOM.
last i heard his price for the R75 with DSP was ~$530. he services
what he sells and is based in NJ. give him a call, he has great hours
and is available from noon to 5 pm on sunday nov 3 (tomorrow). ask
him about the DSP unit... he shipped mine with the receiver.

http://www.kjielectronics.com/

regards,
phil :)

2683. Re: [icomr75] Digest Number 534

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-03 11:04:32 UTC
From: r7y528
Topic: 2683 Message: 2683

How did you modify the rabbit ears for the R75? I've got a rabbit ear antenna and live in an apartment.
Does anyone make an indoor whip that works with the R75?
Jaz

> From: "saucerchaser" <lthanlon@...>
> Subject: Dead horses and S-AM
>
> At the risk of beating a dead horse, a few minutes ago I tuned both
> my SW77
> and R75 to Radio Havana at 9.820 MHz. I used simple indoor antennas
> on
> each radio: the whip on the SW77; a modified VHF TV rabbit ears for
> the R75.

2684. Re: Will UT-106 come together?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-03 12:56:11 UTC
From: Bob
Topic: 2681 Message: 2684

--- In icomr75@y..., "sipo1717" <wangdan@u...> wrote:
>
> Did anybody buy R75 online recently? I'm nearly ready to order
> one, but just wondering whether I can get the UT-106 at the same
> time I receive R75 - earlier posts suggest long delay for UT-106.
>
> BTW, any suggestion about trusy online dealers?
> Many thanks.
>
>
> Pine Edmond

I just bought an R 75 on Ebay using the "buy it now" feature. Once I contacted the seller, I found that I was dealing with KJI Electronics which is a ham radio store operating since 1978 in Caldwell NJ. Called the owner, Gene K2KJI to verify my bid and the R75 arrived 5 days later. Enclosed with it is the UT106 dsp unit. No screwing around with coupons, waiting, etc. Gonna install it today. The best part is it cost $75 less than the best price I have found. The unit is brand new. I bet the cost of a phone call might just yield the same deal to others. He can be reached after 1300 EST at 973-364-1930. Closed Wednesdays. Website is www.kjielectronics.com.

73 de KB0XR Bob in Minnesota

2685. Re: Will UT-106 come together?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-03 12:59:05 UTC
From: Bob
Topic: 2681 Message: 2685

--- In icomr75@y..., "Bob" <redflasher@y...> wrote:
> --- In icomr75@y..., "sipo1717" <wangdan@u...> wrote:
> >
> > Did anybody buy R75 online recently? I'm nearly ready to order
> > one, but just wondering whether I can get the UT-106 at the same
> > time I receive R75 - earlier posts suggest long delay for UT-106.
> >
> > BTW, any suggestion about trusy online dealers?
> > Many thanks.
> >
> >
> > Pine Edmond
>
> I just bought an R 75 on Ebay using the "buy it now" feature. Once
I
> contacted the seller, I found that I was dealing with KJI
> Electronics which is a ham radio store operating since 1978 in
> Caldwell NJ. Called the owner, Gene K2KJI to verify my bid and
the
> R75 arrived 5 days later. Enclosed with it is the UT106 dsp unit.
> No screwing around with coupons, waiting, etc. Gonna install it
> today. The best part is it cost $75 less than the best price I
have
> found. The unit is brand new. I bet the cost of a phone call might
> just yield the same deal to others. He can be reached after 1300
EST
> at 973-364-1930. Closed Wednesdays. Website is
> www.kjielectronics.com.
>
> 73 de KB0XR Bob in Minnesota

I actually paid $519 plus UPS. total of $541.50 delivered to my
office.

de KB0XR Bob in Minnesota

2686. Re: [icomr75] Re: Will UT-106 come together?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-03 15:02:21 UTC
From: Scott Hash
Topic: 2681 Message: 2686

>From: "Bob" <redflasher@...>
>Reply-To: icomr75@yahoogroups.com
>To: icomr75@yahoogroups.com
>Subject: [icomr75] Re: Will UT-106 come together?
>Date: Sun, 03 Nov 2002 12:59:05 -0000
>
>--- In icomr75@y..., "Bob" <redflasher@y...> wrote:
> > --- In icomr75@y..., "sipo1717" <wangdan@u...> wrote:
> > >
> > > Did anybody buy R75 online recently? I'm nearly ready to order
> > > one, but just wondering whether I can get the UT-106 at the same
> > > time I receive R75 - earlier posts suggest long delay for UT-106.
> > >
> > > BTW, any suggestion about trusy online dealers?
> > > Many thanks.
> > >
> > >
> > > Pine Edmond
> >
> > I just bought an R 75 on Ebay using the "buy it now" feature. Once
>I
> > contacted the seller, I found that I was dealing with KJI
> > Electronics which is a ham radio store operating since 1978 in
> > Caldwell NJ. Called the owner, Gene K2KJI to verify my bid and
>the
> > R75 arrived 5 days later. Enclosed with it is the UT106 dsp unit.
> > No screwing around with coupons, waiting, etc. Gonna install it
> > today. The best part is it cost $75 less than the best price I
>have
> > found. The unit is brand new. I bet the cost of a phone call might
> > just yield the same deal to others. He can be reached after 1300
>EST
> > at 973-364-1930. Closed Wednesdays. Website is
> > www.kjielectronics.com.
> >
> > 73 de KB0XR Bob in Minnesota
>
>I actually paid $519 plus UPS. total of $541.50 delivered to my
>office.
>
>de KB0XR Bob in Minnesota
>
If it has that special, it's usually a mail in rebate.

Protect your PC - get McAfee.com VirusScan Online
http://clinic.mcafee.com/clinic/ibuy/campaign.asp?cid=3963

2687. Re: [icomr75] Re: "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-03 15:07:58 UTC
From: Scott Hash
Topic: 2636 Message: 2687

The only reason that I can think of is, it's been modified. If you look at all the adds in passport. You'll see that all, if not most, of the units is right out of the box. If you want to do a comparison, have a magazine company like Pop Comm. or Monitoring Times do one. That's I think would be my only explanation.

>From: "just_rtfm" <just_rtfm@...>
>Reply-To: icomr75@yahoogroups.com
>To: icomr75@yahoogroups.com
>Subject: [icomr75] Re: "Passport" still faults R75 S-AM
>Date: Sun, 03 Nov 2002 07:44:30 -0000
>
> > I don't understand why Passport simply does not 'rate' a Kiwa
> > modified R75.
>
>maybe the results would upset a certain advertiser?
>
> > Passport's tests are done by Sherwood Engineering, where some
> > data can be found too (http://www.sherweng.com).
>
>they do however rate a Sherwood SE3 ($500) modified R75. shocking
>isn't it?
>
>phil :)
>
>
>

Protect your PC - get McAfee.com VirusScan Online
http://clinic.mcafee.com/clinic/ibuy/campaign.asp?cid=3963

2688. Re: [icomr75] Digest Number 534

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-03 15:18:47 UTC
From: JosD@aol.com
Topic: 2683 Message: 2688

Hi,

I've been using a Stoner-Dymek unit quite successfully in a steel and concrete building in DC in about the worst possible location. Check Passport for reviews of a number of units.

Joe

[Non-text portions of this message have been removed]

2689. Re: [icomr75] phaser use

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-03 15:21:48 UTC
From: Gert Nilsson
Topic: 2668 Message: 2689

I have the 1026 unit and it removes local interference very good. My unit is modified. Some components removed to make it work on the AM band as well. Now it is good above 750 kHz, below that gain is a little low.

The amplifiers is a little noisy, sensitivity is reduced when you use the 1026, but perhaps good enough when you have a lot of local noise.

The potentiometers for the phase and gain controls are lo quality!!
----- Original Message -----
From: lew47oz
To: icomr75@yahoogroups.com
Sent: Saturday, November 02, 2002 9:32 PM
Subject: [icomr75] phaser use

Greetings from South Oz. I am awaiting the delivery of a MFJ signal
phaser/ enhanser from the States, & was interested to hear from any
users of the 1025/1026 units with their r75,s.
Cheers
Lew Chapman
Moana Beach
South Australia

To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

2690. Re: [icomr75] Will UT-106 come together?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-03 16:50:21 UTC
From: Don
Topic: 2681 Message: 2690

I ordered my second R75 from Grove a month ago and it came with the UT-106.

--
Don
-
--
CAKE001 CASF024 CA6CYF KHN3161 NAMA471 WA6004SWL
N33d42m W117d59m DM13AQ UTC -8 hrs

2691. Re: [icomr75] Re: "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-03 18:09:01 UTC
From: Eric F. Richards
Topic: 2636 Message: 2691

At 05:54 AM 11/3/2002 +0000, ptrlmpn wrote:

>I think Larry Magne does his reviews by looking
>at the specs and doing a quick, half-hour test, rather than by
>understanding in depth each receiver.

Whoa... I can't let that slide.

A couple years ago I ended up in a fairly lengthy email exchange with Larry and one of his testers. The issue was conflict-of-interest, and Larry got involved because I referenced his magazine as a potential conflict of interest. You see, the tester I'm referring to is Robert Sherwood of Sherwood Labs.

What was interesting was that the reviews were put together in multiple steps -- a purely bench-test review by Sherwood followed by, I think, 4 people who used the radio under test in different parts of the world. For the SE-3 tests, according to Larry, Sherwood himself isn't involved. Larry cited the example of adding the SE-3 to an R8-B as being a poor investment. But the point is, that the radio under test gets discussed by these various people and Larry writes the review. The tests are non-trivial and take time, and putting the final report together before deadline gets kinda hairy.

You'll notice that they rarely retest a radio for incremental improvements; only when there's a known dramatic improvement.

Another thing you'll notice -- apparantly something Larry insisted on when working for WRTH and continued with PWBR, is that the review section does not have ads in it -- there are plenty of ads throughout the book, but not among the reviews.

> His review of the
>Wellbrook ALA antennas is similarly superficial.
>Such superficial reviews were valuable in the pre-internet era,
>but now one can find much better opinions online.

Keep in mind PWBR's audience: People who want to *listen to international broadcasts*, regardless of technical ability. This, of course, means that an outstanding UTE receiver with mediocre AM performance is going to get poorer ratings than a good AM-only receiver.

I don't recall the Wellbrook review mostly because I don't buy antennas; I'd rather build them. Which year is it in so I can save on my "find the books" search? (I haven't received the

2003 edition yet. Monday, hopefully.)

>To my dismal, ARRL does even more superficial reviews (weren't they
>supposed to be the professionals?

ARRL seems to operate in great fear of offending advertisers but
I don't think I'd call their reviews superficial. Especially when
(as an ARRL member) you get the in-depth reports off the web or by
mail.

>The site with the best "general" reviews seems to be Radio
>Netherlands, at the moment.

Indeed, they are very good reviews. Very businesslike, whereas the
PWBR and ARRL reviews are written in a more "folksey" style. The
former may be just because of the target audience. The latter...?
dunno. Read "The Amateur Amateur" column on their web site for an
example of this taken to the extreme. I find myself saying, c'mon,
you didn't really do this, did you? (Again, the amateur amateur is
aimed at the person who has made mistakes he's too embarrassed to
admit to, so I can understand it in that case.)

>Peter

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2692. Re: Will UT-106 come together?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-03 20:13:56 UTC
From: just_rtfm
Topic: 2681 Message: 2692

hi Bob:

Gene is a good guy. i believe the reason he can ship them both is
because he is an authorized dealer and buys R75s 25 units at a time.
KJI also has transceivers in stock.

phil :)

2693. Re: phaser use

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-03 20:15:54 UTC
From: just_rtfm
Topic: 2668 Message: 2693

hi Gert:

a friend of mine uses the quantum phaser and is happy with its MW performance and quality.

phil :)

2694. Yahoo Hard Bounce Message

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-03 22:06:12 UTC
From: Moxie3
Topic: 2694 Message: 2694

Just received a Yahoo message stating that one or more messages from the Icom group were "hard bounced" and that I needed to reset things with Yahoo, which I finally did. Has anyone else received this strange message?
George

[Non-text portions of this message have been removed]

2695. Re: [icomr75] Yahoo Hard Bounce Message

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-03 21:42:15 UTC
From: Eric F. Richards
Topic: 2694 Message: 2695

No such message here, George, when I sent out a message this morning.

At 04:06 PM 11/3/2002 -0600, you wrote:
>Just received a Yahoo message stating that one or more messages from the
>Icom group were "hard bounced" and that I needed to reset things with
>Yahoo, which I finally did. Has anyone else received this strange message?
>George
>
>[Non-text portions of this message have been removed]
>
>
>To unsubscribe from this group, send an email to:
>icomr75-unsubscribe@egroups.com
>
>
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2696. Re: "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-03 22:31:02 UTC
From: just_rtfm
Topic: 2636 Message: 2696

> Keep in mind PWBR's audience: People who want to *listen to
> international broadcasts*, regardless of technical ability.
> This, of course, means that an outstanding UTE receiver with
> mediocre AM performance is going to get poorer ratings than a
> good AM-only receiver.

IMO you pegged this right on the nose Eric. i've done 5 mods on my R75. know what 4 of these mods gained me? better AM sound quality... but i can still hear any station using SSB.

some pick up Road-and-Track and say: "i need to pay $50,000 for a car that does the quarter mile in 13 seconds". others pack a centrifugal supercharger into a camaro. some pick up Passport and do the same. in the world of electronics being able to solder has its advantages.

phil :)

2698. Re: [icomr75] Yahoo Hard Bounce Message

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-04 00:48:10 UTC
From: David Norris
Topic: 2694 Message: 2698

It happened to me about two weeks ago. My ISP was refusing any email from yahoo. Once my ISP fixed their problem i reset things with YAHOO and everything is back to normal. hope this helps.

DHN

----- Original Message -----
From: "Eric F. Richards" <efricha@...>
To: <icomr75@yahoogroups.com>
Sent: Sunday, November 03, 2002 4:42 PM
Subject: Re: [icomr75] Yahoo Hard Bounce Message

> No such message here, George, when I sent out a message this morning.
>
> At 04:06 PM 11/3/2002 -0600, you wrote:
> >Just received a Yahoo message stating that one or more messages from the
> >Icom group were "hard bounced" and that I needed to reset things with
> >Yahoo, which I finally did. Has anyone else received this strange
message?
> >George
> >
> >[Non-text portions of this message have been removed]
> >
> >
> >To unsubscribe from this group, send an email to:
> >icomr75-unsubscribe@egroups.com
> >
> >
> >
> >Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
> --
> Eric F. Richards
> efricha@...
> "The weird part is that I can feel productive even when I'm doomed."
> - Dilbert
>
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

>
>
>

2699. Re: [icomr75] Re: "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-04 08:52:29 UTC
From: Eric F. Richards
Topic: 2636 Message: 2699

At 05:45 AM 11/4/2002 +0000, you wrote:
>It's interesting that somebody mentioned automobiles, because I've heard
>about this really cool car that has just one minor glitch...
>
>The manufacturer advertises this car as having a five-speed transmission --
>but it doesn't shift any higher than fourth gear.
>
>However, this doesn't really seem to be a problem, since this is otherwise
>such a splendid car that fourth gear does fine nearly all of the time. In
>fact,
>there are even a few owners who insist that while you can't move the stick
>shift into the slot marked "5," the transmission actually *does* go into
>fifth,
>although they say few drivers are sufficiently experienced to realize it.
>
>In addition, mechanically inclined owners can go down to the local Pep Boys
>and purchase a third-party kit to fix the trandmission themselves. Trouble
>is,
>this invalidates the warranty.
>
>This car has been in production for several years, and despite the fact
>that the
>transmission problem has been noted by credible, objective reviewers, the
>manufacturer fails to address the issue and persists in touting its
>"innovative"
>five-speed transmission in ads.

Hmmm, I kept hearing it was the power steering that didn't work, and
that the car was in 5th gear the whole time everyone thought it was
in 4th. :-)

The point is, the radio doesn't do what it claims to do out of the
box, no matter how you slice it.

I was going to wait until I had a look at a schematic, but what the
hay... I rearranged my shack and now instead of 2 8500s inside with
an R-75 as my "portable," I switched one of the 8500s with the R-75.
The end result is that I can comfortably test over long periods the
two side-by-side.

I note that the R8500 performs no better and no worse in terms of
fading and distortion during AM listening, and for those who don't
know, the 8500 is renowned for having low distortion AM. The 8500
has no sync-AM at all.

My point is that I don't buy the S-AM is on all the time argument.
Comparing the R-75 to a portable "shouldn't" be fair -- that is,
there is no reason to expect the R-75 to not outperform a DX-398 in
any respect whatsoever. A more fair comparison is against the Lowe
HF-150, and the 150 beats it, hands down, when comparing DSB S-AM.

The '75 is a good radio, but without the mods, it doesn't live up
to expectations that one should have, pulling it from the box.

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2700. Re: [icomr75] phaser use

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-04 08:54:13 UTC
From: Johan Letterstål
Topic: 2668 Message: 2700

I have the 1025 (1026 w/o whip + amp). As Gert mentions; local interference is effectively nulled out (TVI, chargers, PC's, lamps, you-name-it...). I don't have any experiences regarding phasing, using long antennas, but I can successfully null out dominant Euro-powerhouses on MW even with short wires (<10m).
The pot's are crap (especially the Phase pot would easily burn out). I've replaced them with Spectrol (cermet type) pots.
Modifying the unit for switching the main/aux antennas with a dtdp breaker is a cheap & good investment.
73 Johan L Sweden

----- Ursprungligt meddelande -----
Från: "Gert Nilsson" <gert.nilsson@...>
Till: <icomr75@yahoogroups.com>
Skickat: den 3 november 2002 16:21
Ämne: Re: [icomr75] phaser use

> I have the 1026 unit and it removes local interference very good. My unit is modified. Some components removed to make it work on the AM band as well. Now it is good above 750 kHz, below that gain is a little low.
>
> The amplifiers is a little noisy, sensitivity is reduced when you use the 1026, but perhaps good enough when you have a lot of local noise.
>
> The potentiometers for the phase and gain controls are lo quality!!
> ----- Original Message -----
> From: lew47oz
> To: icomr75@yahoogroups.com
> Sent: Saturday, November 02, 2002 9:32 PM
> Subject: [icomr75] phaser use
>
>
> Greetings from South Oz. I am awaiting the delivery of a MFJ signal
> phaser/ enhanser from the States, & was interested to hear from any
> users of the 1025/1026 units with their r75,s.
> Cheers
> Lew Chapman
> Moana Beach
> South Australia
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>

> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
> [Non-text portions of this message have been removed]
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

2701. Re: [icomr75] phaser use

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-04 22:30:44 UTC
From: Lew Chapman
Topic: 2668 Message: 2701

Johan, did you do the other mods for mw use also. I've also heard the
antenna connectors are very poor also, & I may replace these, once ordered.
Cheers
Lew
Moana Beach
South Australia
At 09:54 AM 11/4/02 +0100, you wrote:
> <10m).
> The pot's are crap (especially the Phase pot would easily burn out). I've
>replaced them with Spectrol (cermet type) pots.
>& good investment.
> 73 Johan L Sweden
>
>
> ----- Ursprungligt meddelande -----
>""<>
><>
> Skickat: den 3 november 2002 16:21
> Ämne: Re: [icomr75] phaser use
>
>
>> Now it is good above 750 kHz, below that gain is a little low.
>>
>> The amplifiers is a little noisy, sensitivity is reduced when you use the
>1026, but perhaps good enough when you have a lot of local noise.
>>
>> The potentiometers for the phase and gain controls are lo quality!!
>> ----- Original Message -----
>> From: lew47oz
>> To: icomr75@yahoogroups.com
>> Sent: Saturday, November 02, 2002 9:32 PM
>> Subject: [icomr75] phaser use
>>
>>
>> Greetings from South Oz. I am awaiting the delivery of a MFJ signal
>> & was interested to hear from any
>> users of the 1025/1026 units with their r75,s.
>> Cheers
>> Lew Chapman
>> Moana Beach
>> South Australia
>>
>>
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>> icomr75-unsubscribe@egroups.com

>>
>>
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>>
>> [Non-text portions of this message have been removed]
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>>
>>
>> To unsubscribe from this group, send an email to:
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>>
>>
>> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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>>
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>
>
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> icomr75-unsubscribe@egroups.com
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>
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2702. Re: Will UT-106 come together?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-04 14:16:55 UTC
From: Bob
Topic: 2681 Message: 2702

--- In icomr75@y..., "Bob" <redflasher@y...> wrote:
> --- In icomr75@y..., "Bob" <redflasher@y...> wrote:
> > --- In icomr75@y..., "sipo1717" <wangdan@u...> wrote:
> > >
> > > Did anybody buy R75 online recently? I'm nearly ready to order
> > > one, but just wondering whether I can get the UT-106 at the same
> > > time I receive R75 - earlier posts suggest long delay for
UT-106.
> > >
> > > BTW, any suggestion about trusy online dealers?
> > > Many thanks.
> > >
> > >
> > > Pine Edmond
> >
> > I just bought an R 75 on Ebay using the "buy it now" feature.
Once
> I
> > contacted the seller, I found that I was dealing with KJI
> > Electronics which is a ham radio store operating since 1978 in
> > Caldwell NJ. Called the owner, Gene K2KJI to verify my bid and
> the
> > R75 arrived 5 days later. Enclosed with it is the UT106 dsp unit.

> > No screwing around with coupons, waiting, etc. Gonna install it
> > today. The best part is it cost $75 less than the best price I
> have
> > found. The unit is brand new. I bet the cost of a phone call
might
> > just yield the same deal to others. He can be reached after 1300
> EST
> > at 973-364-1930. Closed Wednesdays. Website is
> > www.kjielectronics.com.
> >
> > 73 de KB0XR Bob in Minnesota
>
> I actually paid $519 plus UPS. total of $541.50 delivered to my
> office.
>
> de KB0XR Bob in Minnesota

OOPS! I meant to say I paid $529 "buy it now" on ebay. Just saw
another one up for bid from the above company. It is under
ebay-amateur radio-receivers
same deal $529 with free dsp

de KB0XR Bob in Minnesota

2703. Re: [icomr75] "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-04 16:02:19 UTC
From: Bruce Jensen
Topic: 2636 Message: 2703

--- Don Nelson wrote: > Reducing fading is one of the features that a good synch am detector > provides. A good synch circuit will reinject a carrier that is > locked to the weak carrier present. This eliminates the fading you > describe (the R75 does not exhibit deficiencies in the AGC) I beg to differ. The AGC on the R75 has a constant that'll drive you insane until it is adjusted. At the point of repair, not coincidentally, the S-AM begins to work very well. It is not sideband-selectable, and because of this, it will never be a 5-star receiver in Passport's eyes. Bruce Jensen ********** > The R75 is deficient in SAM as it comes from the manufacturer, as > discussed in Passport, and > evidenced in my personal testing. > > Try comparing the R75 to a receiver that has a good SAM (say, a WJ8711 > or TenTec 340 or > NRD 535 or R8A/B or R7/A or even the venerable 2010 from Sony). > > To improve the R75 SAM, try the mods previously described, or get an > outboard SE-3. > > YMMV > > Don Nelson > 8711A/8712P/1000A/rx340/r590a/535D/R7/R75/DR333/RX320/545/2010/YB400PE > > ----- Original Message ----- > From: "Rik van Riel" > To: > Sent: Saturday, November 02, 2002 7:38 AM > Subject: Re: [icomr75] "Passport" still faults R75 S-AM > > > On Sat, 2 Nov 2002, saucerchaser wrote: > > > Here's what the 2003 edition of "Passport to World Band Radio" has to > say > > about the R75 and S-AM: > > > > --> "The Icom R75's sync is virtually useless." > > > > --> "Synchronous detector virtually nonfunctional." > > Nevertheless, I can hardly ever hear distortion on fading signals > on my R75. Sure, it's true that AM and S-AM perform virtually the > same, but in either mode it's a LOT better than the sync AM on my > old Sony 7600G ;) > > The main problem with my R75 is fading. When listening in AM mode > you can hear the fading, so for many broadcasts I just listen in > SSB mode. This seems to be an AGC thing though, not a sync detector > problem. > > regards, > > Rik > -- > Bravely reimplemented by the knights who say "NIH". > http://www.surriel.com/ http://distro.conectiva.com/ > Current spamtrap: href=mailto:"october@...">october@... > > > > To unsubscribe from this group, send an email to: > icomr75-unsubscribe@egroups.com > > > > Your use of Yahoo! Groups is subject to > http://docs.yahoo.com/info/terms/ > > > ===== Cheers, Bruce Jensen ~~~~~~~~~~~~ The Astronomy Connection http://observers.org/ Internat'l DarkSky Ass'n http://www.darksky.org/~ida/ ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio _____ Do you Yahoo!? HotJobs - Search new jobs daily now http://hotjobs.yahoo.com/

2704. Re: [icomr75] R75 Advertising

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-04 16:09:20 UTC
From: Bruce Jensen
Topic: 2671 Message: 2704

--- Leigh Hanlon <lthanlon@...> wrote:
> Payman writes: << This is true, but Passport also mentions more than
> once
> that after-market companies (i.e. Kiwa) can fix this, and they wonder
> why
> Icom itself has not done the very easy fix. With the Kiwa mods, this is
> a 5
> star receiver, especially considering the cost differential between the
> R75
> and its competitors (Drake, ...). >>
>
> At the very least, Icom could advertise the R75 as a budget world-class
> receiver that works great unmodified and can, with optional accessories
> and
> tweaks, deliver taste that rivals the high-priced spread.

This would be OK, but honestly, they should just admit a minor problem,
fix it in all new runs (R75A), and offer to tweak the old ones for a
modest cost. Maybe even free, but that might be asking too much.

Bruce Jensen

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2705. Re: [icomr75] Re: "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-04 16:20:16 UTC
From: Bruce Jensen
Topic: 2636 Message: 2705

--- just_rtfm <just_rtfm@...> wrote:

> i agree with you: Passport correctly faults the stock R75's SAM mode.
> considering the importance they place on SAM, did Passport give a
> rating for a Kiwa-modified R75?

Passport often does compare modified against unmodified radios and grants stars accordingly (they love the Sherwood mods, with good reason); I do not believe Larry M. got a Kiwa- or Rado/Phil :-)modified version for comparison, however, because apart from mentioning that the mods help, he offered no revised star score.

As I mentioned earlier, however, if it doesn't have selectable sideband synch, it'll never get better than about 4.5 stars even if it runs circles around everything else in every other respect. That, for Larry, is the Holy Grail of radios.

Note - Radio Netherlands granted both the R75 and the Drake R8A four stars at their website, even with the noted S-AM, AGC and minor sound deficiencies in the R75, and a minor adjustment for the R75's somewhat lower price (they assume the full price of $799). RN is willing to recognize the strong points of a radio apart from S-AM, both regular and sideband-selectable. For some decent improvements (even without testing the radio) they gave the sideband-selectable R8B five stars, probably a fair value. For $100 worth of mods, the R75 might do as well.

But I would very much like to see what these guys would give it with the mods done. Speaking only for myself, I find the performance quite amazing.

Bruce Jensen
****

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2706. Re: [icomr75] Re: "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-04 16:22:18 UTC
From: Bruce Jensen
Topic: 2636 Message: 2706

```
--- payman_a <payman_a@...> wrote:
>
> I don't understand why Passport simply does not 'rate' a Kiwa
> modified R75. All it takes is two lines to say that we tested a
> modified one, and here is what we think.
>
> Passport's tests are done by Sherwood Engineering, where some
> data can be found too (http://www.sherweng.com).

Maybe your last sentence explains why. Kiwa is competition for Sherwood
in making sure a S-AM circuit works.

Bruce Jensen

=====
Cheers,
Bruce Jensen
~~~~~~~~~~~~
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Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

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```

2707. Re: [icomr75] Re: "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-04 16:39:20 UTC
From: John Pickrell
Topic: 2636 Message: 2707

To All,

I don't know about the rest of you guys (and Girls) but I think this horse has been beat to death.

For those of you that feel slighted by ICOM's apparent refusal to "own up" to a problem-get over it.

I see three alternatives to the above group: modify the radio, use it as is, or get rid of it-but in any case quit your "belly aching."

Now I've said my piece.

John P.
----- Original Message -----
From: Bruce Jensen
To: icomr75@yahoogroups.com
Sent: Monday, November 04, 2002 11:22 AM
Subject: Re: [icomr75] Re: "Passport" still faults R75 S-AM

--- payman_a <payman_a@...> wrote:
>
> I don't understand why Passport simply does not 'rate' a Kiwa
> modified R75. All it takes is two lines to say that we tested a
> modified one, and here is what we think.
>
> Passport's tests are done by Sherwood Engineering, where some
> data can be found too (http://www.sherweng.com).

Maybe your last sentence explains why. Kiwa is competition for Sherwood
in making sure a S-AM circuit works.

Bruce Jensen

=====
Cheers,
Bruce Jensen
~~~~~~~~~~~~
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Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
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[Non-text portions of this message have been removed]

2708. Re: [icomr75] Re: Will UT-106 come together?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-04 16:49:49 UTC
From: Bruce Jensen
Topic: 2681 Message: 2708

That's a superb price if it still carries. I'd jump at that one.

Bruce Jensen
****
--- just_rtfm <just_rtfm@...> wrote:
> hi Pine:
>
> i purchased my R75 from KJI. the owner, Gene, is very knowledgeable
> (he is a ham and electrical engineer) and he specializes in ICOM.
> last i heard his price for the R75 with DSP was ~$530. he services
> what he sells and is based in NJ. give him a call, he has great hours
> and is available from noon to 5 pm on sunday nov 3 (tomorrow). ask
> him about the DSP unit... he shipped mine with the receiver.
>
> http://www.kjielectronics.com/
>
> regards,
> phil :)
>
>
>

=====
Cheers,
Bruce Jensen
~~~~~~~~~~~~
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

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2709. Re: "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-04 16:51:49 UTC
From: payman_a
Topic: 2636 Message: 2709

Yes, that could very well be it.

I don't have the 2003 Passport. Does Kiwa advertise in it, or has it
ever advertised in Passport?

payman

--- In icomr75@y..., Bruce Jensen <bpnjensen@y...> wrote:
> --- payman_a <payman_a@y...> wrote:
> >
> > I don't understand why Passport simply does not 'rate' a Kiwa
> > modified R75. All it takes is two lines to say that we tested a
> > modified one, and here is what we think.
> >
> > Passport's tests are done by Sherwood Engineering, where some
> > data can be found too (http://www.sherweng.com).
>
> Maybe your last sentence explains why. Kiwa is competition for
> Sherwood in making sure a S-AM circuit works.
>
> Bruce Jensen

2710. Re: [icomr75] Will UT-106 come together?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-04 16:51:49 UTC
From: Bruce Jensen
Topic: 2681 Message: 2710

--- Don <dtmknsn@...> wrote:
> I ordered my second R75 from Grove a month ago and it came with the
> UT-106.

Geez, Don, the R8B Nazis are gonna come after you! ;-)

I'd order one again. It's a neat radio.

Bruce Jensen

=====
Cheers,
Bruce Jensen
~~~~~~~~~~~~
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Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
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2711. Re: [icomr75] R75 Advertising

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-04 18:08:22 UTC
From: Moxie3
Topic: 2671 Message: 2711

Good idea Bruce
----- Original Message -----
From: "Bruce Jensen" <bpnjensen@...>
To: <icomr75@yahoogroups.com>
Sent: Monday, November 04, 2002 10:09 AM
Subject: Re: [icomr75] R75 Advertising

> --- Leigh Hanlon <lthanlon@...> wrote:
> > Payman writes: << This is true, but Passport also mentions more than
> > once
> > that after-market companies (i.e. Kiwa) can fix this, and they wonder
> > why
> > Icom itself has not done the very easy fix. With the Kiwa mods, this is
> > a 5
> > star receiver, especially considering the cost differential between the
> > R75
> > and its competitors (Drake, ...). >>
> >
> > At the very least, Icom could advertise the R75 as a budget world-class
> > receiver that works great unmodified and can, with optional accessories
> > and
> > tweaks, deliver taste that rivals the high-priced spread.
>
> This would be OK, but honestly, they should just admit a minor problem,
> fix it in all new runs (R75A), and offer to tweak the old ones for a
> modest cost. Maybe even free, but that might be asking too much.
>
> Bruce Jensen
>
> _____
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2712. Re: [icomr75] Re: "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-04 17:11:09 UTC
From: Bruce Jensen
Topic: 2636 Message: 2712

--- "Eric F. Richards" <efricha@...> wrote:

> My point is that I don't buy the S-AM is on all the time argument.
> Comparing the R-75 to a portable "shouldn't" be fair -- that is,
> there is no reason to expect the R-75 to not outperform a DX-398 in
> any respect whatsoever.

Yes, agreed, but selective fading is NOT a function of the radio, but rather of the ionosphere, and without S-AM, oughtn't the radio get the same serious distortion regardless of it's quality? If you take a Collins R390 and pit it against the '398, nobody is going to quarrel about which is better - but both are going to sound crummy during a deep fade. When the S-AM is *on* on the R75, you won't find a non-S-AM radio that'll *sound* as good, even if the radio is generally a better radio. Mind you, this does not say anything about sensitivity, selectivity, audio amp power, or other factors.

> A more fair comparison is against the Lowe
> HF-150, and the 150 beats it, hands down, when comparing DSB S-AM.

I assume this is out of the box - I have no doubt, then, that this is true.

Recall, too, that the AGC and the audio chain on the R75 are a bit flaky; fix these, and you may find the DSB S-AM on the R75 compares more closely with the Lowe. IMHO, fixing the AGC on the R75 is the biggest single favor you can do your radio and yourself.

Bruce Jensen
****

=====
Cheers,
Bruce Jensen
~~~~~~~~~~~~
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Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

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2713. Re: [icomr75] Re: "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-04 17:15:03 UTC
From: Bruce Jensen
Topic: 2636 Message: 2713

I've never seen a Kiwa ad anywhere, certainly not in Passport.

www.kiwa.com is about it.

Bruce Jensen
****
--- payman_a <payman_a@...> wrote:
> Yes, that could very well be it.
>
> I don't have the 2003 Passport. Does Kiwa advertise in it, or has it
> ever advertised in Passport?
>
> payman
>
> --- In icomr75@y..., Bruce Jensen <bpnjensen@y...> wrote:
> > --- payman_a <payman_a@y...> wrote:
> > >
> > > I don't understand why Passport simply does not 'rate' a Kiwa
> > > modified R75. All it takes is two lines to say that we tested a
> > > modified one, and here is what we think.
> > >
> > > Passport's tests are done by Sherwood Engineering, where some
> > > data can be found too (http://www.sherweng.com).
> >
> > Maybe your last sentence explains why. Kiwa is competition for
> > Sherwood in making sure a S-AM circuit works.
> >
> > Bruce Jensen
>
>
>

=====
Cheers,
Bruce Jensen
~~~~~~~~~~~~
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Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

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2714. Re: [icomr75] Re: "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-04 18:55:21 UTC
From: Scott Hash
Topic: 2636 Message: 2714

It's never been advertised in passport from Kiwa. It's only been out of the box without any mods.

>From: "payman_a" <payman_a@...>
>Reply-To: icomr75@yahoogroups.com
>To: icomr75@yahoogroups.com
>Subject: [icomr75] Re: "Passport" still faults R75 S-AM
>Date: Mon, 04 Nov 2002 16:51:49 -0000
>
>Yes, that could very well be it.
>
>I don't have the 2003 Passport. Does Kiwa advertise in it, or has it
>ever advertised in Passport?
>
>payman
>
>--- In icomr75@y..., Bruce Jensen <bpnjensen@y...> wrote:
> > --- payman_a <payman_a@y...> wrote:
> > >
> > > I don't understand why Passport simply does not 'rate' a Kiwa
> > > modified R75. All it takes is two lines to say that we tested a
> > > modified one, and here is what we think.
> > >
> > > Passport's tests are done by Sherwood Engineering, where some
> > > data can be found too (http://www.sherweng.com).
> >
> > Maybe your last sentence explains why. Kiwa is competition for
> > Sherwood in making sure a S-AM circuit works.
> >
> > Bruce Jensen
>
>

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2715. IC-R75 Kiwa Mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-04 18:59:37 UTC
From: Scott Hash
Topic: 2715 Message: 2715

The only way you are probably going to see any ads would be through a magazine company. The ads in passport, as to what I see it as, is the stock machine. The one magazine that I'd recommend doing it would be "Monitoring Times". There's my ten cents.

Internet access plans that fit your lifestyle -- join MSN.
http://resourcecenter.msn.com/access/plans/default.asp

2716. Re: [icomr75] phaser use

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-04 19:31:51 UTC
From: Zacharias Liangas
Topic: 2668 Message: 2716

I also have the lower version 1025 .It worked quite well diruing the previous time when i had the strong local QRN though it required a fine tuining to delete the QRN . It came from the power transformer fromt he Local Electricity company

On 3 Nov 2002 at 15:21, you wrote:

> I have the 1026 unit and it removes local interference very good. My unit is
> modified. Some components removed to make it work on the AM band as well. Now it
> is good above 750 kHz, below that gain is a little low.
>
> The amplifiers is a little noisy, sensitivity is reduced when you use the 1026,
> but perhaps good enough when you have a lot of local noise.
>
> The potentiometers for the phase and gain controls are lo quality!!

---
pen-DX sejak 72 - anggota World-DX-Club 2104,Play DX, dll
PP: R75/HF150/MVT7100/D2935 + 16m/1x1 + MFJ16010/1040/1025/752c/462
http://www.geocities.com/zliangas/
/trip2k.htm (dlm Bkk,SNG,BAli) /MP3_comp.htm comparison Xing/Fastenc
/napa.htm crash test Napa DAV315 MP3 player

2717. Re: [icomr75] phaser use

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-05 09:38:59 UTC
From: Lew Chapman
Topic: 2668 Message: 2717

Re the mods on the 1025, are the components just snipped out completely, or one end lifted. Also have components had to be added, other than the switch/ antenna mod,
Cheers Lew
At 09:31 PM 11/4/02 +0200, you wrote:
> I also have the lower version 1025 .It worked quite well diruing the >previous time when i
> had the strong local QRN though it required a fine tuining to delete the >QRN . It came
> from the power transformer fromt he Local Electricity company
>
>
> wrote:
>
>> I have the 1026 unit and it removes local interference very good. My unit is
>> Now it
>> is good above 750 kHz, below that gain is a little low.
>>
>> The amplifiers is a little noisy, sensitivity is reduced when you use the >1026,
>> but perhaps good enough when you have a lot of local noise.
>>
>> The potentiometers for the phase and gain controls are lo quality!!
>
> _____
> pen-DX sejak 72 - anggota World-DX-Club 2104,Play DX, dll
> + 16m/1x1 + MFJ16010/1040/1025/752c/462
> http://www.geocities.com/zliangas/
> /MP3_comp.htm comparison Xing/Fastenc
> /napa.htm crash test Napa DAV315 MP3 player
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

2718. Re: [icomr75] phaser use

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-04 21:17:45 UTC
From: Johan Letterstål
Topic: 2668 Message: 2718

There are two types of PCB's, with discrete components (1025) and SMD's (1026). It's possible that 1025 also was designed and built w SMDs. Nevertheless...
For the MW mod: Just snip & lift one side or if SMDs: break(!) them with a plier.
No components needs to be added.
73 Johan L Sweden

----- Ursprungligt meddelande -----
Från: "Lew Chapman" <lirka@...>
Till: <icomr75@yahoogroups.com>
Skickat: den 5 november 2002 10:38
Ämne: Re: [icomr75] phaser use

> Re the mods on the 1025, are the components just snipped out completely, or
> one end lifted. Also have components had to be added, other than the
> switch/ antenna mod,
> Cheers Lew
> At 09:31 PM 11/4/02 +0200, you wrote:
> > I also have the lower version 1025 .It worked quite well diruing the
> >previous time when i
> > had the strong local QRN though it required a fine tuining to delete the
> >QRN . It came
> > from the power transformer fromt he Local Electricity company
> >
> >
> > wrote:
> >
> >> I have the 1026 unit and it removes local interference very good. My
> unit is
> >> Now it
> >> is good above 750 kHz, below that gain is a little low.
> >>
> >> The amplifiers is a little noisy, sensitivity is reduced when you use the
> >1026,
> >> but perhaps good enough when you have a lot of local noise.
> >>
> >> The potentiometers for the phase and gain controls are lo quality!!
> >
> > _____
> > pen-DX sejak 72 - anggota World-DX-Club 2104,Play DX, dll
> > + 16m/1x1 + MFJ16010/1040/1025/752c/462
> > http://www.geocities.com/zliangas/
> > /MP3_comp.htm comparison Xing/Fastenc
> > /napa.htm crash test Napa DAV315 MP3 player
> >
> >

> > To unsubscribe from this group, send an email to:
> > icomr75-unsubscribe@egroups.com
> >
> >
> >
> > Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
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>
>
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>

2719. Re: [icomr75] phaser use

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-05 11:16:33 UTC
From: Lew Chapman
Topic: 2668 Message: 2719

Thanks Johan I'll check out when the unit arrives, but I suspect surface mount components. I intend to mainly use when we head bush during our winter months. I like to experiment with Bevy's & the KAZ Delta loops. Also what do you use for antenna pre amplification.
Cheers
Lew Chapman
Moana Beach
South Australia
At 10:17 PM 11/4/02 +0100, you wrote:
> There are two types of PCB's, with discrete components (1025) and SMD's
>(1026). It's possible that 1025 also was designed and built w SMDs.
>Nevertheless...
>&
> No components needs to be added.
> 73 Johan L Sweden
>
>
> ----- Ursprungligt meddelande -----
>""<>
><>
> Skickat: den 5 november 2002 10:38
> Ämne: Re: [icomr75] phaser use
>
>
>> Re the mods on the 1025, are the components just snipped out completely, or
>> one end lifted. Also have components had to be added, other than the
>> switch/ antenna mod,
>> Cheers Lew
>> At 09:31 PM 11/4/02 +0200, you wrote:
>>> I also have the lower version 1025 .It worked quite well diruing the
>>>previous time when i
>>> had the strong local QRN though it required a fine tuining to delete the
>>>QRN . It came
>>> from the power transformer fromt he Local Electricity company
>>>
>>>
>>> wrote:
>>>
>>>> I have the 1026 unit and it removes local interference very good. My
>> unit is
>>>> Now it
>>>> is good above 750 kHz, below that gain is a little low.
>>>>
>>>> The amplifiers is a little noisy, sensitivity is reduced when you use the
>>>1026,

>>>> but perhaps good enough when you have a lot of local noise.
>>>>
>>>> The potentiometers for the phase and gain controls are lo quality!!
>>>
>>> _____
>>> pen-DX sejak 72 - anggota World-DX-Club 2104,Play DX, dll
>>> + 16m/1x1 + MFJ16010/1040/1025/752c/462
>>> http://www.geocities.com/zliangas/
>>> /MP3_comp.htm comparison Xing/Fastenc
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>>>
>>>
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>
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2720. Re: [icomr75] phaser use

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-04 23:09:00 UTC
From: Bruce Jensen
Topic: 2668 Message: 2720

--- Johan_Letterst?l <johan.letterstal@...> wrote:
> There are two types of PCB's, with discrete components (1025) and SMD's
> (1026). It's possible that 1025 also was designed and built w SMDs.
> Nevertheless...
> For the MW mod: Just snip & lift one side or if SMDs: break(!) them with
> a plier.
> No components needs to be added.
> 73 Johan L Sweden

Johan - Thanks, and BIG question for you:

If the MW sensitivity mod is performed, will this make the unit more susceptible to creating images/harmonics on the HF/SW bands? That is my biggest concern, as I live in a large urban area (San Francisco) and I have dozens of MW/AM stations close to my home -

Thanks,
Bruce Jensen

_____
Do you Yahoo!?
HotJobs - Search new jobs daily now
http://hotjobs.yahoo.com/

2721. Re: [icomr75] phaser use

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-05 00:37:45 UTC
From: Don Nelson
Topic: 2668 Message: 2721

The newest 1025 are SMDs now - I had one I upgraded last year.
Its very easy to crush the SMD devices to remove, as you'll never want to return to the unmod config
Don
----- Original Message -----
From: "Johan Letterst?l" <johan.letterstal@...>
To: <icomr75@yahoogroups.com>
Sent: Monday, November 04, 2002 1:17 PM
Subject: Re: [icomr75] phaser use

There are two types of PCB's, with discrete components (1025) and SMD's (1026). It's possible that 1025 also was designed and built
w SMDs. Nevertheless...
For the MW mod: Just snip & lift one side or if SMDs: break(!) them with a plier.
No components needs to be added.
73 Johan L Sweden

----- Ursprungligt meddelande -----
Fr?n: "Lew Chapman" <lirka@...>
Till: <icomr75@yahoogroups.com>
Skickat: den 5 november 2002 10:38
?mne: Re: [icomr75] phaser use

> Re the mods on the 1025, are the components just snipped out completely, or
> one end lifted. Also have components had to be added, other than the
> switch/ antenna mod,
> Cheers Lew
> At 09:31 PM 11/4/02 +0200, you wrote:
> > I also have the lower version 1025 .It worked quite well diruing the
> >previous time when i
> > had the strong local QRN though it required a fine tuining to delete the
> >QRN . It came
> > from the power transformer fromt he Local Electricity company
> >
> >
> > wrote:
> >
> >> I have the 1026 unit and it removes local interference very good. My
> unit is
> >> Now it
> >> is good above 750 kHz, below that gain is a little low.
> >>
> >> The amplifiers is a little noisy, sensitivity is reduced when you use the
> >1026,
> >> but perhaps good enough when you have a lot of local noise.
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> >> The potentiometers for the phase and gain controls are lo quality!!
> >
> > _____
> > pen-DX sejak 72 - anggota World-DX-Club 2104,Play DX, dll
> > + 16m/1x1 + MFJ16010/1040/1025/752c/462
> > http://www.geocities.com/zliangas/
> > /MP3_comp.htm comparison Xing/Fastenc
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2722. Re: [icomr75] Re: "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-05 01:24:37 UTC
From: Don Nelson
Topic: 2636 Message: 2722

----- Original Message -----
From: "Bruce Jensen" <bpnjensen@...>
To: <icomr75@yahoogroups.com>
Sent: Monday, November 04, 2002 8:20 AM
Subject: Re: [icomr75] Re: "Passport" still faults R75 S-AM

>Passport often does compare modified against unmodified radios and grants
>stars accordingly (they love the Sherwood mods, with good reason); I do
>not believe Larry M. got a Kiwa- or Rado/Phil :-)modified version for
>comparison, however, because apart from mentioning that the mods help, he
>offered no revised star score.

For those of you that have never used an SE-3, give it a try -- it works, and works very well.
It even helps premium receivers such as the wj8711/wj8712P/hf1000A (which has no selectable synch sideband) and the tentec rx340 (which happens to have the selectable synch sideband).
Gosh, thats another $600 on top of a $4K to $7K receiver. Why'd anyone do that?
<ANSWER: because it works well>

And as to the Kiwa mods - Craig is in a move transition from his current location to across the state.
He does not sell modified receivers (but Sherwood does!), he only modifies your receiver for you.
Since the radios reviewed for Passport may be on loan, or owned by the reviewers, an upgrade may or
may not be possible. Here's a thought - you could offer Larry the use of your improved version to test.

>As I mentioned earlier, however, if it doesn't have selectable sideband
>synch, it'll never get better than about 4.5 stars even if it runs circles
>around everything else in every other respect. That, for Larry, is the
>Holy Grail of radios.

Whoa. Can't let this one get through.
Check the your copy of Passport again - see 2003 pg 159. Your argument here is specious.

>Note - Radio Netherlands granted both the R75 and the Drake R8A four
>stars at their website, even with the noted S-AM, AGC and minor sound
>deficiencies in the R75, and a minor adjustment for the R75's somewhat
>lower price (they assume the full price of $799). RN is willing to
>recognize the strong points of a radio apart from S-AM, both regular and
>sideband-selectable. For some decent improvements (even without testing
>the radio) they gave the sideband-selectable R8B five stars, probably a
>fair value. For $100 worth of mods, the R75 might do as well.

Comparing the R8B to the R75, in my opinion Passport 2003
got it right. (I've got one of each and have done the comparision, including a modified

R75)
The R8A might well be equivalent to an R75 (but I don't have an R8A to compare. There were significant changes between the R8B and the R8A)

>But I would very much like to see what these guys would give it with the
>mods done.

To what end?

Is it going to make your program listening any better? Certainly won't
make any difference to a serious DXer. And giving any receiver a 5-star rating to a personally
modified R75: how does this help the average person who is going to make a decision on purchasing a radio (without having to worry about making all the mods?)?

Frankly, keeping the pressure on ICOM to make improvements is a desireable outcome of not getting 5 stars. (It worked to get some improvements on the 545 and is working to get the TenTec 350 improved. Last year's review of the RX-340 netted a bunch of improvements
in the latest ePROM upgrade). Why take the pressure off ICOM? Lets get the SAM and AGC fixed by the factory. Why should the buyer have bolt on a turbocharger?

>Speaking only for myself, I find the performance quite
>amazing.

Face it, you and I are owners of a "Camaro-class" receiver. Tricking the Camaro up with a turbo and new paint surely produces
amazing performance as well. (The Camaro is a classic car but its not a BMW nor Mercedes nor a Formula 1 racer.). The R75 is good
value for the money but its not a NRD nor AOL nor WJ nor TT340.

Don

(I drive a number of receivers. I have no financial affiliation with Sherwood, although I am a satisfied user of his SE-3. I have no
financial affiliation with the publication known as Passport, nor do I have any affilitiation with any receiver manufacturer nor
purveyor of equipment). I personally rate the receivers I have tried in this order:
wj8712P /SE3
wj8711/HF1000A /SE3
TenTec 340 /SE3
R390A /SE3
R590A /SE3
Collins 2050
Cubic 3030A /SE3
R7A /SE3
R8B
535D (modified by Kiwa)
DR333
545
R75
RX320
2010

YB400PE
PCR1000
And these are rated in order of usability in weak signal DX work. Try for instance Mangarrai on 2960.02 or Ngada on 2899 or AIR
Gangtok or some of the very weak Andeans or separating AIR on 5050.02 from China on 5049.92.

YMMV

2723. Re: [icomr75] Re: "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-05 02:43:59 UTC
From: Eric F. Richards
Topic: 2636 Message: 2723

At 05:24 PM 11/4/2002 -0800, you wrote:

>----- Original Message -----
>From: "Bruce Jensen" <bpnjensen@...>
>To: <icomr75@yahoogroups.com>
>Sent: Monday, November 04, 2002 8:20 AM
>Subject: Re: [icomr75] Re: "Passport" still faults R75 S-AM
>
>
>
> >Passport often does compare modified against unmodified radios and grants
> >stars accordingly (they love the Sherwood mods, with good reason); I do
> >not believe Larry M. got a Kiwa- or Rado/Phil :-)modified version for
> >comparison, however, because apart from mentioning that the mods help, he
> >offered no revised star score.
>
>For those of you that have never used an SE-3, give it a try -- it works,
>and works very well.
>It even helps premium receivers such as the wj8711/wj8712P/hf1000A (which
>has no selectable
>synch sideband) and the tentec rx340 (which happens to have the selectable
>synch sideband).
>Gosh, thats another $600 on top of a $4K to $7K receiver. Why'd anyone do
>that?
><ANSWER: because it works well>
>
>And as to the Kiwa mods - Craig is in a move transition from his current
>location to across the state.
>He does not sell modified receivers (but Sherwood does!), he only modifies
>your receiver for you.
>Since the radios reviewed for Passport may be on loan, or owned by the
>reviewers, an upgrade may or
>may not be possible. Here's a thought - you could offer Larry the use of
>your improved version to test.
>

See the thread on rec.radio.shortwave called, cleverly enough, "Radio."
I got mail from IBS -- the publishers of PWBR -- and posted it there
with their permission. They couldn't get the Kiwa mods done because
of the move, but they plan on doing so. Sounds like they bought several
R-75s for their tests.

> >But I would very much like to see what these guys would give it with the
> >mods done.
>
>To what end?

>
>Is it going to make your program listening any better? Certainly won't
>make any difference to a serious DXer. And giving any receiver a 5-star
>rating to a personally
>modified R75: how does this help the average person who is going to make a
>decision
>on purchasing a radio (without having to worry about making all the mods?)?
>
>Frankly, keeping the pressure on ICOM to make improvements is a
>desireable outcome of
>not getting 5 stars. (It worked to get some improvements on the 545 and is
>working to
>get the TenTec 350 improved. Last year's review of the RX-340 netted a
>bunch of improvements
>in the latest ePROM upgrade). Why take the pressure off ICOM? Lets get
>the SAM and AGC
>fixed by the factory. Why should the buyer have bolt on a turbocharger?
>
> >Speaking only for myself, I find the performance quite
> >amazing.
>
>Face it, you and I are owners of a "Camaro-class" receiver. Tricking the
>Camaro up with a turbo and new paint surely produces
>amazing performance as well. (The Camaro is a classic car but its not a
>BMW nor Mercedes nor a Formula 1 racer.). The R75 is good
>value for the money but its not a NRD nor AOL nor WJ nor TT340.

That is true... but at least the R-75 doesn't scream "I'm a drug
dealer and dating a 14 year old" like a Camaro does... :-)

I don't understand why people insist on treating the R-75 as if
it could do no wrong... it's a radio -- an excellent bang-for-buck
radio, but that's it. It doesn't outclass any other radio I have.
And the "best" of mine have notorious flaws as well. I'd like
better, but can't afford it now, so I'll go on, clear eyed, about
what, after all, is a piece of electronic equipment, nothing more.
Stop worshipping the bloody thing!

(R-8500x2, R-75, FRG-7, R392, HF-150, plus sundry V/UHF xcievers, HTs
and scanners.)

>Don
>
>(I drive a number of receivers. I have no financial affiliation with
>Sherwood, although I am a satisfied user of his SE-3. I have no
>financial affiliation with the publication known as Passport, nor do I
>have any affilitiation with any receiver manufacturer nor
>purveyor of equipment). I personally rate the receivers I have tried in
>this order:
>wj8712P /SE3
>wj8711/HF1000A /SE3

>TenTec 340 /SE3
>R390A /SE3
>R590A /SE3
>Collins 2050
>Cubic 3030A /SE3
>R7A /SE3
>R8B
>535D (modified by Kiwa)
>DR333
>545
>R75
>RX320
>2010
>YB400PE
>PCR1000
>And these are rated in order of usability in weak signal DX work. Try for
>instance Mangarrai on 2960.02 or Ngada on 2899 or AIR
>Gangtok or some of the very weak Andeans or separating AIR on 5050.02 from
>China on 5049.92.
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>To unsubscribe from this group, send an email to:
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>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2724. Re: [icomr75] Re: "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-05 02:50:26 UTC
From: Eric F. Richards
Topic: 2636 Message: 2724

At 07:43 PM 11/4/2002 -0700, I wrote:

>See the thread on rec.radio.shortwave called, cleverly enough, "Radio."
>I got mail from IBS -- the publishers of PWBR -- and posted it there
>with their permission. They couldn't get the Kiwa mods done because
>of the move, but they plan on doing so. Sounds like they bought several
>R-75s for their tests.

Here is a copy of what I posted:

I heard from IBS today on this subject; they gave me permission to
quote them.

> Hi Eric,
>
> We try to stay away from newsgroups, as the world already hears more than
> enough from our end. However, one of our readers tipped me off to this
> thread. FYI, we did have the Kiwa version on our list of "to do" items for
> Passport 2003 and purchased a new R75 for that purpose. Then they talked
> about a move to a new location that we couldn't nail down, so the question
> arose as to whether they would be around during the time the book was
> around.
>
> I hope they resurface and continue as before, and if they do we will
> reschedule this test -- of course, we still have the R75. In the past, they
> haven't been terribly responsive to our attempts to communicate with them,
> but if necessary we'll try to get one of our readers to have the
> modification performed for us.
>
> Regards, Jane <deleted>
> IBS, Ltd.
>

And a snip from a follow-up message...

> Hi Eric,
>
> Casual cynicism is the norm of the day, so we steer pretty much clear of
> trying to defend ourselves and let the book speak for itself. We considered
> dropping advertising and raising the cover price to $24.95, but in the end
> it seems most people either like or don't mind the ads, but do dislike a
> higher price, so we've left things as before.
>
> Larry Magne got started testing receivers in 1977 when Jens Frost, then the
> editor of the WRTH, asked him to do so. Larry agreed because he had been
> burned relying on what passed for "reviews" in the electronics media in

> those days, where something that performed poorly was written up with
> technobabble to hide the reality that the model was a dog. So he told Jens
> he wanted total editorial independence from testing through printed copy,
> and that no receiver ads were to appear in the test section of the book.
> Jens, being impeccably ethical and from the old school, agreed, and Larry
> kept doing reviews with the WRTH right up until Jens was replaced. Although
> technology has evolved since then, those are the standards the test team
> follows to this day.
>
> Now, that is just FYI, so it doesn't matter, but were we to say these
> things, above, in a public forum, then we would run into a wall of
> disbelief. Lying and distortion have become so prevalent in society that it
> has generated a form of Gresham's Law, making it difficult to stand out as
> having higher standards. But, to answer your question, that's where we come
> from.
>
> As to the R75 KIWA issue, I don't see any problem in passing my earlier
> comment on to the public, although we're not going to get into a debate on
> it or start lurking in newsgroups. I just checked the KIWA Website, and it
> still shows them as essentially closed down, with hopes to reopen elsewhere
> in due course. We're following this, and if it turns out they are solidly
> settled down, as before, then we'll see how we can get our R75 modified in
> time for the next edition.
>
> Regards, Jane
>

...let the cynicism pour forth....

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2725. Re: "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-05 06:21:38 UTC
From: just_rtfm
Topic: 2636 Message: 2725

hi Don:

IMO passport's ratings are right on the money considering their target audience. when i got back into this hobby i contemplated purchasing a "5-star" unit but i expected better buttons, better display, better tuning dial, 1 Hz tuning steps, optional filter slots, DSP noise reduction, etc.

> The Camaro is a classic car but its not a BMW nor Mercedes

here too 'ratings' often become a moving target...

"my BMW is better because it is faster than your camaro"
"really?"
"yes it says so on page 25 of road and track magazine"
"i am running a centrifugal blower with 7 psi of boost"
"what's that mean?"
"it means in a race you will lose"
"my BMW is better because it has a cool front grill"

phil :)

2726. Re: "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-05 06:23:27 UTC
From: just_rtfm
Topic: 2636 Message: 2726

> Stop worshipping the bloody thing!

"ah grasshopper, worship begin with the iron. you must learn to
control your fear and perform the Sync-AM, AM-AGC, and fidelity mods.
just as your R75 caterpillar emerge as a butterfly your R8500 shall
turn into a doorstop."

phil :p

2727. Re: "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-05 07:07:29 UTC
From: just_rtfm
Topic: 2636 Message: 2727

howdy Bruce!

although the R75 has no single button or phasing capability, a single sideband can be selected during SAM. engage SAM and the dual 2.4-kHz filters and detune (+) 1.2-kHz for USB or (-) 1.2-kHz for LSB. this filter method (also used during SSB) is extremely effective at adjacent channel rejection. detuning places the window of incoming bandwidth overtop the carrier and one sideband... the other sideband is chopped off by the filter. the carrier is so strong [with ~2/3 of the power being dumped here] that Motorola's AM Stereo chip can still maintain lock.

find a station with one sided interference: ex. 2010 kHz USB has noise. switch to SAM and 2.4-kHz filters, detune to 2008.8 kHz (LSB component) and the noise will be attenuated. this also works with the 6 kHz filter (although it is asymmetric)... just tune away from the noise checking to make sure lock is maintained: keep the 'S-' in SAM from blinking. [note: 'SAM SW' must be set to 'En' in the setup mode].

phil :)

2728. R75 S-AM and automobiles

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-05 07:21:28 UTC
From: Leigh Hanlon
Topic: 2728 Message: 2728

Several members have compared the situation regarding the R75 to an automobile. Submitted for your approval:

An automaker produces a classy, finely tooled car that is gorgeous to look it, handles like a dream, has a great price tag and low APR factory financing. This vehicle is advertised as coming equipped with an "innovative" five-speed transmission.

When you shift the stick into fifth, there's a definite vibration that suggests *something* has gone on, but the transmission clearly doesn't move into the higher gear.

Despite several reviews in credible, objective automobile magazines noting the transmission deficiency and suggesting an inexpensive fix, the manufacturer fails to acknowledge there is a problem and continues to advertise the "innovative" transmission.

Owners have varying opinions on this issue.

One group says this is a fine car by any standard, and that the transmission problem isn't that big a deal.

A second group is mechanically inclined and is willing to go down to Pep Boys and buy an aftermarket kit, even though installing it voids the vehicle's warranty.

A third group is convinced that the car actually *does* shift into fifth gear, but that it does this so smoothly that inexperienced owners simply are unaware of it.

The subject currently is being beaten to death on a Yahoo! Group devoted to this car.

Leigh Hanlon
Chicago, USA

2729. Re: "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-05 13:23:40 UTC
From: atagrasin
Topic: 2636 Message: 2729

--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> > Stop worshipping the bloody thing!
>
> "ah grasshopper, worship begin with the iron. you must learn to
> control your fear and perform the Sync-AM, AM-AGC, and fidelity
mods.
> just as your R75 caterpillar emerge as a butterfly your R8500 shall
> turn into a doorstop."
>
>
phil :
Yes Phil:That's what I did.I stop complaining about the flaws.I took
a look in to the files in this group and some of your projects [like
the Phil's fidelity mod] and did the easy mods and now I have a truly
performer R-75. Cost? Less than $10.00.After that I went for a 3.3
filter, cost? $7.00.The stock R-75 in SSB is very good,but if you
want to outperform some big guns receivers in the under $3,000 range
go for the easy mods and a 3.3khz to 4 khz filter.That's all that you
need for now.Remember that all receivers have flaws, all.There is not
a perfect receiver in any price range.But the difference is that with
the R-75 you can fix it with very easy mods available.
Atagrasin

2730. Re: [icomr75] phaser use

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-05 15:07:40 UTC
From: Johan Letterstål
Topic: 2668 Message: 2730

Well, I suspect the mod would have a negative effect on strong signal handling on MW.
I'll pass this question to Gert Nilsson et al. I believe Gert has more experiences in this area, using 1026 + long antennas. I use the phaser mainly for nulling local QRN, using short antennas. No intermods or MW artifacts has been found on SW.

There is an interesting article by Bjarne Melde (Norway) comparing MFJ and Wellbrook APU.
Look at: http://www.hard-core-dx.com/nordicdx/antenna/special/index.html

/Johan

----- Ursprungligt meddelande -----
Från: "Bruce Jensen" <bpnjensen@...>
Till: <icomr75@yahoogroups.com>
Skickat: den 5 november 2002 00:09
Ämne: Re: [icomr75] phaser use

> --- Johan_Letterstål <johan.letterstal@...> wrote:
> > There are two types of PCB's, with discrete components (1025) and SMD's
> > (1026). It's possible that 1025 also was designed and built w SMDs.
> > Nevertheless...
> > For the MW mod: Just snip & lift one side or if SMDs: break(!) them with
> > a plier.
> > No components needs to be added.
> > 73 Johan L Sweden
>
> Johan - Thanks, and BIG question for you:
>
> If the MW sensitivity mod is performed, will this make the unit more
> susceptible to creating images/harmonics on the HF/SW bands? That is my
> biggest concern, as I live in a large urban area (San Francisco) and I
> have dozens of MW/AM stations close to my home -
>
> Thanks,
> Bruce Jensen
>
> _____
> Do you Yahoo!?
> HotJobs - Search new jobs daily now
> http://hotjobs.yahoo.com/
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

>
>
>

2731. Re: Will UT-106 come together?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-05 15:26:37 UTC
From: LarryR
Topic: 2681 Message: 2731

I can vouch for KJI as well. You won't go wrong.

--- In icomr75@y..., "Bob" <redflasher@y...> wrote:
> --- In icomr75@y..., "sipo1717" <wangdan@u...> wrote:
> >
> > Did anybody buy R75 online recently? I'm nearly ready to order
> > one, but just wondering whether I can get the UT-106 at the same
> > time I receive R75 - earlier posts suggest long delay for UT-106.
> >
> > BTW, any suggestion about trusy online dealers?
> > Many thanks.
> >
> >
> > Pine Edmond
>
> I just bought an R 75 on Ebay using the "buy it now" feature. Once
I
> contacted the seller, I found that I was dealing with KJI
> Electronics which is a ham radio store operating since 1978 in
> Caldwell NJ. Called the owner, Gene K2KJI to verify my bid and
the
> R75 arrived 5 days later. Enclosed with it is the UT106 dsp unit.
> No screwing around with coupons, waiting, etc. Gonna install it
> today. The best part is it cost $75 less than the best price I
have
> found. The unit is brand new. I bet the cost of a phone call might
> just yield the same deal to others. He can be reached after 1300
EST
> at 973-364-1930. Closed Wednesdays. Website is
> www.kjielectronics.com.
>
> 73 de KB0XR Bob in Minnesota

2732. Dead horses

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-05 15:51:04 UTC
From: Jim Hackett
Topic: 2732 Message: 2732

As far as I'm concerned, all the bickering that goes on about what Passport says or doesn't say about the R75 means NOTHING to me. I don't care what someone that owns a Drake thinks about it. I couldn't be happier with mine! I don't NEED reassurance from ANYONE to feel good about the decision I made. I fell victim to the hype with the Sat800 back in April. Had it for less than a week before I realized it was less than a bargain at the price of $500. The R75 is MUCH more radio for a few bucks more. The 800 would be a "great" radio at $300. The 75 IS a "great" radio at $600! The fact that there are many mods available only tells me this is a highly loved receiver.
I don't need to convince ANYONE the R75 is a great receiver, I KNOW it is, and that's ALL that matters!

2733. Re: [icomr75] phaser use

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-05 16:35:02 UTC
From: Gert Nilsson
Topic: 2668 Message: 2733

I never use it on SW, so I don't know the answer to your question. No problems below 3 MHz.
----- Original Message -----
From: Johan Letterstål
To: icomr75@yahoogroups.com
Sent: Tuesday, November 05, 2002 3:07 PM
Subject: Re: [icomr75] phaser use

Well, I suspect the mod would have a negative effect on strong signal handling on MW.
I'll pass this question to Gert Nilsson et al. I believe Gert has more experiences in this area, using 1026 + long antennas. I use the phaser mainly for nulling local QRN, using short antennas. No intermods or MW artifacts has been found on SW.

There is an interesting article by Bjarne Melde (Norway) comparing MFJ and Wellbrook APU.
Look at: http://www.hard-core-dx.com/nordicdx/antenna/special/index.html

/Johan

----- Ursprungligt meddelande -----
Från: "Bruce Jensen" <bpnjensen@...>
Till: <icomr75@yahoogroups.com>
Skickat: den 5 november 2002 00:09
Ämne: Re: [icomr75] phaser use

> --- Johan_Letterstål <johan.letterstal@...> wrote:
> > There are two types of PCB's, with discrete components (1025) and SMD's
> > (1026). It's possible that 1025 also was designed and built w SMDs.
> > Nevertheless...
> > For the MW mod: Just snip & lift one side or if SMDs: break(!) them with
> > a plier.
> > No components needs to be added.
> > 73 Johan L Sweden
>
> Johan - Thanks, and BIG question for you:
>
> If the MW sensitivity mod is performed, will this make the unit more
> susceptible to creating images/harmonics on the HF/SW bands? That is my
> biggest concern, as I live in a large urban area (San Francisco) and I
> have dozens of MW/AM stations close to my home -
>
> Thanks,
> Bruce Jensen
>
> _____
> Do you Yahoo!?
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> http://hotjobs.yahoo.com/

>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
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>

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icomr75-unsubscribe@egroups.com

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[Non-text portions of this message have been removed]

2734. Re: [icomr75] Dead horses

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-05 16:02:51 UTC
From: John Pickrell
Topic: 2732 Message: 2734

AMEN!
----- Original Message -----
From: Jim Hackett
To: icomr75@yahoogroups.com
Sent: Tuesday, November 05, 2002 10:51 AM
Subject: [icomr75] Dead horses

As far as I'm concerned, all the bickering that goes on about what Passport says or doesn't say about the R75 means NOTHING to me. I don't care what someone that owns a Drake thinks about it. I couldn't be happier with mine! I don't NEED reassurance from ANYONE to feel good about the decision I made. I fell victim to the hype with the Sat800 back in April. Had it for less than a week before I realized it was less than a bargain at the price of $500. The R75 is MUCH more radio for a few bucks more. The 800 would be a "great" radio at $300. The 75 IS a "great" radio at $600! The fact that there are many mods available only tells me this is a highly loved receiver.
I don't need to convince ANYONE the R75 is a great receiver, I KNOW it is, and that's ALL that matters!

To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

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[Non-text portions of this message have been removed]

2735. Re: [icomr75] Re: "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-05 16:57:02 UTC
From: Bruce Jensen
Topic: 2636 Message: 2735

--- "Eric F. Richards" <efricha@...> wrote:

> >Face it, you and I are owners of a "Camaro-class" receiver. Tricking
> the Camaro up with a turbo and new paint surely produces
> >amazing performance as well. (The Camaro is a classic car but its not
> a BMW nor Mercedes nor a Formula 1 racer.). The R75 is good
> >value for the money but its not a NRD nor AOL nor WJ nor TT340.

That's fine, and I concur - although I understand from some I've spoken with that it roughly equals the NRD535 and beats the 525, in general.

> That is true... but at least the R-75 doesn't scream "I'm a drug
> dealer and dating a 14 year old" like a Camaro does... :-)
>
> I don't understand why people insist on treating the R-75 as if
> it could do no wrong... it's a radio -- an excellent bang-for-buck
> radio, but that's it. It doesn't outclass any other radio I have.
> And the "best" of mine have notorious flaws as well. I'd like
> better, but can't afford it now, so I'll go on, clear eyed, about
> what, after all, is a piece of electronic equipment, nothing more.
> Stop worshipping the bloody thing!

I don't, and I don't think it outclasses anything except maybe radios with far fewer features. I just (mildly) object to people denigrating it when it actually functions quite well. My S-AM works beautifully, the audio is perfectly understandable (as well as any SW set I've ever had), and I can many hear weak and distant stations. My only limitation is my antenna and my locale, which for me is a constant source of irritation.

> (R-8500x2, R-75, FRG-7, R392, HF-150, plus sundry V/UHF xcievers, HTs
> and scanners.)
>
>
>
> >Don
> >
> >(I drive a number of receivers. I have no financial affiliation with
> >Sherwood, although I am a satisfied user of his SE-3. I have no
> >financial affiliation with the publication known as Passport, nor do I
> >have any affilitiation with any receiver manufacturer nor
> >purveyor of equipment). I personally rate the receivers I have tried in
>
> >this order:
> >wj8712P /SE3
> >wj8711/HF1000A /SE3
> >TenTec 340 /SE3

> >R390A /SE3
> >R590A /SE3
> >Collins 2050
> >Cubic 3030A /SE3
> >R7A /SE3
> >R8B
> >535D (modified by Kiwa)
> >DR333
> >545
> >R75
> >RX320
> >2010
> >YB400PE
> >PCR1000
> >And these are rated in order of usability in weak signal DX work. Try
> for
> >instance Mangarrai on 2960.02 or Ngada on 2899 or AIR
> >Gangtok or some of the very weak Andeans or separating AIR on 5050.02
> from
> >China on 5049.92.
> >
> >YMMV

My fundamental problem in this regard is my antenna and location. They will never be suitable for this type of work :-(Having the finest radios made would be a waste here. I do receive some weak Andeans and Pacific rim stations (1 kW RRIs are fairly common in fact), but not well.

Bruce Jensen

_____
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2736. Re: [icomr75] Re: "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-05 16:58:58 UTC
From: Bruce Jensen
Topic: 2636 Message: 2736

I'd be happy to loan them my modified R75 if they would ship and insure it
both ways. Should I tell them?

Bruce Jensen
****
--- "Eric F. Richards" <efricha@...> wrote:
> At 07:43 PM 11/4/2002 -0700, I wrote:
>
> >See the thread on rec.radio.shortwave called, cleverly enough, "Radio."
> >I got mail from IBS -- the publishers of PWBR -- and posted it there
> >with their permission. They couldn't get the Kiwa mods done because
> >of the move, but they plan on doing so. Sounds like they bought
> several
> >R-75s for their tests.
>
> Here is a copy of what I posted:
>
>
> I heard from IBS today on this subject; they gave me permission to
> quote them.
>
> > Hi Eric,
> >
> > We try to stay away from newsgroups, as the world already hears more
> than
> > enough from our end. However, one of our readers tipped me off to
> this
> > thread. FYI, we did have the Kiwa version on our list of "to do"
> items for
> > Passport 2003 and purchased a new R75 for that purpose. Then they
> talked
> > about a move to a new location that we couldn't nail down, so the
> question
> > arose as to whether they would be around during the time the book was
> > around.
> >
> > I hope they resurface and continue as before, and if they do we will
> > reschedule this test -- of course, we still have the R75. In the
> past, they
> > haven't been terribly responsive to our attempts to communicate with
> them,
> > but if necessary we'll try to get one of our readers to have the
> > modification performed for us.
> >
> > Regards, Jane <deleted>

> > IBS, Ltd.
> >
>
> And a snip from a follow-up message...
>
> > Hi Eric,
> >
> > Casual cynicism is the norm of the day, so we steer pretty much clear
> of
> > trying to defend ourselves and let the book speak for itself. We
> considered
> > dropping advertising and raising the cover price to $24.95, but in
> the end
> > it seems most people either like or don't mind the ads, but do
> dislike a
> > higher price, so we've left things as before.
> >
> > Larry Magne got started testing receivers in 1977 when Jens Frost,
> then the
> > editor of the WRTH, asked him to do so. Larry agreed because he had
> been
> > burned relying on what passed for "reviews" in the electronics media
> in
> > those days, where something that performed poorly was written up with
> > technobabble to hide the reality that the model was a dog. So he
> told Jens
> > he wanted total editorial independence from testing through printed
> copy,
> > and that no receiver ads were to appear in the test section of the
> book.
> > Jens, being impeccably ethical and from the old school, agreed, and
> Larry
> > kept doing reviews with the WRTH right up until Jens was replaced.
> Although
> > technology has evolved since then, those are the standards the test
> team
> > follows to this day.
> >
> > Now, that is just FYI, so it doesn't matter, but were we to say these
> > things, above, in a public forum, then we would run into a wall of
> > disbelief. Lying and distortion have become so prevalent in society
> that it
> > has generated a form of Gresham's Law, making it difficult to stand
> out as
> > having higher standards. But, to answer your question, that's where
> we come
> > from.
> >
> > As to the R75 KIWA issue, I don't see any problem in passing my
> earlier

> > comment on to the public, although we're not going to get into a
> debate on
> > it or start lurking in newsgroups. I just checked the KIWA Website,
> and it
> > still shows them as essentially closed down, with hopes to reopen
> elsewhere
> > in due course. We're following this, and if it turns out they are
> solidly
> > settled down, as before, then we'll see how we can get our R75
> modified in
> > time for the next edition.
> >
> > Regards, Jane
> >
>
> ...let the cynicism pour forth....
>
>
>
> --
> Eric F. Richards
> efricha@...
> "The weird part is that I can feel productive even when I'm doomed."
> - Dilbert
>
>
>

=====
Cheers,
Bruce Jensen
~~~~~~~~~~~~
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

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2737. Re: [icomr75] Re: "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-05 17:01:29 UTC
From: Bruce Jensen
Topic: 2636 Message: 2737

Hi, Phil - I do this same thing, but with the PBT. Works great!

BJ
**
--- just_rtfm <just_rtfm@...> wrote:
> howdy Bruce!
>
> although the R75 has no single button or phasing capability, a single
> sideband can be selected during SAM. engage SAM and the dual 2.4-kHz
> filters and detune (+) 1.2-kHz for USB or (-) 1.2-kHz for LSB. this
> filter method (also used during SSB) is extremely effective at
> adjacent channel rejection. detuning places the window of incoming
> bandwidth overtop the carrier and one sideband... the other sideband
> is chopped off by the filter. the carrier is so strong [with ~2/3 of
> the power being dumped here] that Motorola's AM Stereo chip can still
> maintain lock.
>
> find a station with one sided interference: ex. 2010 kHz USB has
> noise. switch to SAM and 2.4-kHz filters, detune to 2008.8 kHz (LSB
> component) and the noise will be attenuated. this also works with the
> 6 kHz filter (although it is asymmetric)... just tune away from the
> noise checking to make sure lock is maintained: keep the 'S-' in SAM
> from blinking. [note: 'SAM SW' must be set to 'En' in the setup mode].
>
> phil :)
>
>
>
>

=====
Cheers,
Bruce Jensen
~~~~~~~~~~~~
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

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2738. Re: [icomr75] phaser use

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-05 17:06:11 UTC
From: Bruce Jensen
Topic: 2668 Message: 2738

--- Gert Nilsson <gert.nilsson@...> wrote:
> I never use it on SW, so I don't know the answer to your question. No
> problems below 3 MHz.

Thanks, Gert and Johan - I use mine primarily for local noise reduction on HF, so I think I'll leave the MW attenuation in there.

Bruce Jensen
****
> ----- Original Message -----
> From: Johan Letterst?l
> To: icomr75@yahoogroups.com
> Sent: Tuesday, November 05, 2002 3:07 PM
> Subject: Re: [icomr75] phaser use
>
>
> Well, I suspect the mod would have a negative effect on strong signal
> handling on MW.
> I'll pass this question to Gert Nilsson et al. I believe Gert has more
> experiences in this area, using 1026 + long antennas. I use the phaser
> mainly for nulling local QRN, using short antennas. No intermods or MW
> artifacts has been found on SW.
>
> There is an interesting article by Bjarne Melde (Norway) comparing MFJ
> and Wellbrook APU. Look at:
> http://www.hard-core-dx.com/nordicdx/antenna/special/index.html
>
> /Johan
>
> ----- Ursprungligt meddelande -----
> Fr?n: "Bruce Jensen" <bpnjensen@...>
> Till: <icomr75@yahoogroups.com>
> Skickat: den 5 november 2002 00:09
> ?mne: Re: [icomr75] phaser use
>
>
> > --- Johan_Letterst?l <johan.letterstal@...> wrote:
> > > There are two types of PCB's, with discrete components (1025) and
> SMD's
> > > (1026). It's possible that 1025 also was designed and built w
> SMDs.
> > > Nevertheless...
> > > For the MW mod: Just snip & lift one side or if SMDs: break(!)
> them with
> > > a plier.

> > > No components needs to be added.
> > > 73 Johan L Sweden
> >
> > Johan - Thanks, and BIG question for you:
> >
> > If the MW sensitivity mod is performed, will this make the unit more
> > susceptible to creating images/harmonics on the HF/SW bands? That
> is my
> > biggest concern, as I live in a large urban area (San Francisco) and
> I
> > have dozens of MW/AM stations close to my home -
> >
> > Thanks,
> > Bruce Jensen
> >
> > _____
> > Do you Yahoo!?
> > HotJobs - Search new jobs daily now
> > http://hotjobs.yahoo.com/
> >
> > To unsubscribe from this group, send an email to:
> > icomr75-unsubscribe@egroups.com
> >
> >
> >
> > Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
> >
> >
> >
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
> [Non-text portions of this message have been removed]
>
>

=====
Cheers,
Bruce Jensen
~~~~~~~~~~~~
The Astronomy Connection http://observers.org/
~~~~~~~~~~~~

Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

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2739. Re: [icomr75] Re: "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-05 17:23:53 UTC
From: efricha@dimensional.com
Topic: 2636 Message: 2739

>
> I'd be happy to loan them my modified R75 if they would ship and insure it
> both ways. Should I tell them?
>

They probably wouldn't accept because they'll want one straight to/from
Kiwa. Suppose they *don't* like what they find and report it as Kiwa's
"fault?" Puts them in legal hot water.

They have a year to get one... presumably it won't take that long for
Kiwa to get up and running.

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2740. Re: [icomr75] Dead horses

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-05 17:40:26 UTC
From: efricha@dimensional.com
Topic: 2732 Message: 2740

>
> As far as I'm concerned, all the bickering that goes on about what
> Passport says or doesn't say about the R75 means NOTHING to me. I
> don't care what someone that owns a Drake thinks about it. I
> couldn't be happier with mine! I don't NEED reassurance from ANYONE
> to feel good about the decision I made. I fell victim to the hype
> with the Sat800 back in April.

Indeed... well, I fell victim to the R-75 hype, too, which is why I
react badly to it. S-AM works all the time, you are just to stupid
to know? C'mon... give me a break! I know better because I did
side-by-side tests with several radios. Such nonsense and blind
product/manufacturer worship is NOT helpful to prospective purchasers.

Mods like those froom Phil and Rado are helpful, by contrast.

> The R75 is
> MUCH more radio for a few bucks more.

That it is. No argument there.

> The 75 IS a "great" radio at $600!

No. The 75 is a great radio VALUE at $600. It still is only a good radio.

> I don't need to convince ANYONE the R75 is a great receiver, I KNOW
> it is, and that's ALL that matters!

That may suit you. But to me, it has repeatedly fallen on its face on
many fronts. Mostly because I expected it to live up to the hype that
surrounds it. Ultimate rejection? blech. S-AM? Arrgh. Stability?
Try and use it in a car. It does have an auto-mounting bracket available,
y'know. But the temperature swings in a car that don't faze my 8500
knock the 75 silly. The 8500 is a better radio, but certainly not a
better value.

Meanwhile, I recall how Phil reacted when he did the S-AM mod... I
expect that if/when he buys an AOR 7030 he'll have the same "holy carp!"
reaction. As, I expect, you would, too.

In the meantime, had I known then what I know now, I would have
saved my money and accumulated a bit more to buy an AOR 7030+.
Others, such as yourself, would rather not spend that kind of coin
and for you the '75 is an excellent value and a fine radio for what
YOU use it for.

In the mean time, I reiterate what I said earlier: Don't worship it.
Respect it for what it is, but don't forget what it is not. Prospective

buyers who come here for advice will be grateful, and those who buy one,
warts and all, won't be disappointed by what they get.

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2741. RAE Argentina heard last night 0000 onward

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-05 20:16:13 UTC
From: bpnjensen
Topic: 2741 Message: 2741

Hi, folks - just a bit off-topic, but Peter L. asked about when I was able to hear this station. Tuning in last night at 0000z through about 0200z, RAE Buenos Aires was received with a fair signal about SINPO 34323 variable on 11,710 kHz. Propagation was pretty quivery, but I could underdstand the sound of the words being said (even though it was, apparently, in Portuguese, and not Spanish). There was a good deal of talk about Brazil. An English broadcast began at about 0200z, but by that time the propagation had changed and China was starting to interfere severely on that freq.

Under the circumstances, it would have been hard to QSL. FWIW, Radio Nacional from Brasilia was heard quite well on 25 meters last night at about the same time, with clear Portuguese being spoken, about SINPO 44434. Also heard FEBA Seychelles, Oman (BBC), Sri Lanka (VOA relay), and AIR India on several outlets. A fun two hours :-)

Bruce Jensen

2742. newbie

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-05 23:36:12 UTC
From: mechanic512
Topic: 2742 Message: 2742

Hello
I'm a new member to this group as I just bought a R75 last Sat. at
Ham Radio Outet in Salem NH. It came with the UT-106 as a icom promo.
I printed Phils Cookbook and have found it very helpful, I attemped to
set up the filters and am confused to what to set the filters for
AM Wide
SSB Narrow
I am not very knowledgeable on modern radios, in the past I have
used older tube sets and a Kenwood R-2000 which didn't have any filter
setting other than normal and wide.
As time goes on I'll probably ask some dumb questions so thanks for
any help in advance.
Are there any users in Southern Maine?
Thanks
Dan Weston

R-75
R-2000
SX-130
NC-57
140ft random wire

2743. Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 00:58:40 UTC
From: atagrasin
Topic: 2732 Message: 2743

> That may suit you. But to me, it has repeatedly fallen on its face
on
> many fronts. Mostly because I expected it to live up to the hype
that
> surrounds it. Ultimate rejection? blech. S-AM? Arrgh.
Stability?
Ultimate rejection in the R-75 is very good.In my R-75 the S-AM with
an easy and cheapy mod that I did using a 339 comparator work ok,
when is needed.I never had problem or had read about anyone with
stability problems in his r-75.
>
> Meanwhile, I recall how Phil reacted when he did the S-AM mod... I
> expect that if/when he buys an AOR 7030 he'll have the same "holy
carp!"
> reaction. As, I expect, you would, too.
Phil did the fidelity mod [that improve the DSP performance too],
sync mod and add a 3.0khz filter and now he don't need a AOR 7030+
and save about $900.00.Not a money issue but a performance issue.The
AOR don't have DSP and the R-75 in sensitivity is better and with the
fidelity mod there is not audio issue between both .
> In the meantime, had I known then what I know now, I would have
> saved my money and accumulated a bit more to buy an AOR 7030+.
> Others, such as yourself, would rather not spend that kind of coin
> and for you the '75 is an excellent value and a fine radio for what
> YOU use it for.
Yes the R-75 is an excellent value,and a excellent performer radio
and after mod it with all the easy mods available online the R-75
surpass receivers that cost a lot more for MW, SW, and 30MHZ to 60mhz
signals reception..
> In the mean time, I reiterate what I said earlier: Don't worship
it.
> Respect it for what it is, but don't forget what it is not.
Yes it's not a basic radio for beginners.
> buyers who come here for advice will be grateful, and those who buy
one,
> warts and all, won't be disappointed by what they get.
Yes for inexperienced prospective buyers is best to start with a
portable or something like the Sat 800, a very easy to work with
radio.But if they are looking for a tabletop with Pro features like
DSP,1hz tunning step,Up to 60MHZ tunning range,super sensitivity and
a lot of easy and cheapy mods and filters availables to upgrade it
for like Pro performance and at the same time save hundred of dollars
no question about it they need to go for a R-75 with dsp a "super"
receiver and bargain.
atagrasin

2744. Re: [icomr75] Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 01:17:42 UTC
From: Eric F. Richards
Topic: 2732 Message: 2744

At 12:58 AM 11/6/2002 +0000, you wrote:

>Ultimate rejection in the R-75 is very good.

It most certainly is not. I know from very painful experience.

> > Respect it for what it is, but don't forget what it is not.
>Yes it's not a basic radio for beginners.

Some day, I hope you get to try a radio that is really not a basic radio. This sort of blind worship is exactly what I'm talking about. Someone comes here to learn about this radio and every post says how good it is -- someone like me! -- and they find out it is a mediocre performer after they purchase it.

It cannot even stand up to an antique FRG-7! Be realistic. This isn't a WJ, not a Ten-Tec of any flavor, not a Collins, not a Drake. Not a Lowe or an AOR.

What it is is a box with a lot of features on a fair receiver with an excellent price point. You can 1 Hz step and PBT all you want, but when the entire dial is sprayed with MW overload, as mine is, those features mean nothing.

You think it's so bloody good, do you want to buy mine? $350+shipping. I cannot in good conscience ask any more than that. BTW, phil already turned me down.

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2745. Re: Dead horses

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 03:35:16 UTC
From: just_rtfm
Topic: 2732 Message: 2745

> S-AM works all the time, you are just to stupid to know?

we all make mistakes... it does not make us stupid. take a look at RRS... you won't find me on alt.med belittling people.

there is hype around all receivers. the 7030+ is a great receiver but with NB/notch and DSP you're looking at $2000. is it a significant improvement over the R75 for DXing? on SSB? on AM considering the mods i've done? i checked the web for comparisons.

phil :)

2746. Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 03:51:06 UTC
From: just_rtfm
Topic: 2732 Message: 2746

hi Eric:

> Some day, I hope you get to try a radio that is
> really not a basic radio.

how do you know the guy you're talking to hasn't owned expensive
receivers?

> It cannot even stand up to an antique FRG-7! Be realistic.
> This isn't a WJ, not a Ten-Tec of any flavor, not a Collins,
> not a Drake. Not a Lowe or an AOR.

no conspiracy here: passport rated the R75 the same as the NRD-545SE
and better than the RX-350, R8500, Palstar, FRG-100, RX-320. btw, how
many more signals do you feel you'll hear on say a $4000 RX-340 verus
a $300 RX-320... might want to ask Al.

> when the entire dial is sprayed with MW overload

ICOM has a MW filter before the passband filters in the R75. your
antenna is the problem. as i recall you needed 40 dB of attenuation
to get it working on an R8B. did you go over to the Drake board to
tell them too?

> BTW, phil already turned me down.

i already have a radio... but someone will get a bargain.

phil :)

2747. R75 Specs

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 04:01:41 UTC
From: payman_a
Topic: 2747 Message: 2747

Are there any professional lab measurements of various R75 specs (sensitivity, dynamic range, third order intercept, ultimate rejection, ...) available anywhere online or in print? (besides the ones on Icom's web site).

payman

2748. Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 04:48:19 UTC
From: Jim Hackett
Topic: 2732 Message: 2748

I live less than 2 miles away from a 50kw "blowtorch" (1170 KLOK).
I can hear it at 3510 khz. NOWHERE else. All of my other radios, and
I have MANY, pick up that station everywhere unless I use the
attenuator or turn down the RF gain. (same antenna my R75 is on).
Don't know what to tell you.
P.S. I don't "worship" the R75. As you stated, it's just a radio...

--- In icomr75@y..., "Eric F. Richards" <efricha@d...> wrote:
> At 12:58 AM 11/6/2002 +0000, you wrote:
>
> >Ultimate rejection in the R-75 is very good.
>
>
> It most certainly is not. I know from very painful experience.
>
>
> > > Respect it for what it is, but don't forget what it is not.
> >Yes it's not a basic radio for beginners.
>
> Some day, I hope you get to try a radio that is really not a basic
> radio. This sort of blind worship is exactly what I'm talking
about.
> Someone comes here to learn about this radio and every post says
how
> good it is -- someone like me! -- and they find out it is a
mediocre
> performer after they purchase it.
>
> It cannot even stand up to an antique FRG-7! Be realistic. This
isn't
> a WJ, not a Ten-Tec of any flavor, not a Collins, not a Drake.
Not a
> Lowe or an AOR.
>
> What it is is a box with a lot of features on a fair receiver with
an
> excellent price point. You can 1 Hz step and PBT all you want, but
> when the entire dial is sprayed with MW overload, as mine is, those
> features mean nothing.
>
> You think it's so bloody good, do you want to buy mine?
$350+shipping.
> I cannot in good conscience ask any more than that. BTW, phil
already
> turned me down.

>
>
>
> --
> Eric F. Richards
> efricha@d...
> "The weird part is that I can feel productive even when I'm
doomed."
> - Dilbert

2749. Re: [icomr75] R75 Specs

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 04:53:25 UTC
From: Eric F. Richards
Topic: 2747 Message: 2749

At 04:01 AM 11/6/2002 +0000, you wrote:
>Are there any professional lab measurements of various R75 specs
>(sensitivity, dynamic range, third order intercept, ultimate
>rejection, ...) available anywhere online or in print? (besides the
>ones on Icom's web site).

QST magazine reviewed the '75 in the Jan 2000 issue.

PDF online -- I can summarize, but you can get a reprint faxed to
you for a nominal cost -- I've done that before. www.arrl.org

I suspect that IBS will have a white paper available soon, if not
now. www.passband.com A quick look at their web site doesn't show
it. Furthermore, there aren't many current receivers available, so
I don't know what their white paper future is.

Radio Nederland has a review with specs distributed through it.
They're always a good source of info on receivers:

www.rnw.nl/realradio/icr75.html

Again, if you want me to quote the lab measurements from ARRL's tests,
I can do that, but it's a lot of typing...

Eric

>payman
>
>
>To unsubscribe from this group, send an email to:
>icomr75-unsubscribe@egroups.com
>
>
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2750. Re: [icomr75] Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 05:11:52 UTC
From: Eric F. Richards
Topic: 2732 Message: 2750

At 03:51 AM 11/6/2002 +0000, you wrote:
>hi Eric:
>
> > Some day, I hope you get to try a radio that is
> > really not a basic radio.
>
>how do you know the guy you're talking to hasn't owned expensive
>receivers?

Hi, phil,

The answer is, of course, that I don't. But my *personal experience*
ranks it below the R-8500, the R-392, FRG-7, FRG-100 (closest) and
HF-150.

Now, all of those radios have areas where they are deficient to the '75;
for example, the HF-150 is far more prone to front-end overload. However,
overall, they all rank above the '75.

The AOR 7030 and Drake R8-B rank above the 75 by everyone's measure. I
don't own either, but did get a chance to play with the Drake (see below).

The AOR AR-5000 and ICOM R-71A both are used as professional surveillence
receivers. I had a chance to play with an R-71A, and it was impressive.

The WJ 8711/HF1000? TT RX340? Racal anything? Collins anything?
be serious. Not even in the same league.

>no conspiracy here: passport rated the R75 the same as the NRD-545SE
>and better than the RX-350, R8500, Palstar, FRG-100, RX-320.

For program listening, and almost certainly based on bang/buck as well.
Note the comment about the R8500. I also would disagree with Larry on
that one because I have them side-by-side now.

> btw, how
>many more signals do you feel you'll hear on say a $4000 RX-340 verus
>a $300 RX-320... might want to ask Al.

Increase in price and capability don't have a linear relationship and
you know it. I have never not stated that it wasn't a good value. It
just isn't up to several tasks, among them my specific application, for
which the '8500 handles with aplomb.

Bob Parnass is a user of the '8500 and the NRD545. Ask him about the
two vs. the R-75...

> > when the entire dial is sprayed with MW overload
>
>ICOM has a MW filter before the passband filters in the R75. your
>antenna is the problem. as i recall you needed 40 dB of attenuation
>to get it working on an R8B. did you go over to the Drake board to
>tell them too?

Nope -- I don't own a Drake, so there's no point. If someone asks me
about the '8500, I'm not shy about discussing its flaws, either. It
is a responsible thing to do.

And, yes, the Drake overloaded on that antenna, too, but needed much
less attenuation for it to clean up, and it did so abruptly. The '75
needed a LOT more attenuation before it began to show signs of cleaning
up. The '8500 just works.

> > BTW, phil already turned me down.
>
>i already have a radio... but someone will get a bargain.

"There is not such thing as Too Many Radios!"

Seriously. If the one you are using isn't suitable to what you are doing,
you have an option to try. Sweet AM? the 392 or 8500. Ute? 8500 or '75.
Bad fading? HF-150 or ECSS on the 8500 or R75. Major world event?
Coverage from more than one source simultaneously. (When Princess Diana
died, I wanted to hear it from the BBC and other European sources before
I would believe it. A more serious event such as operations against Iraq
would also be useful to hear from, say, a news source along with AF
freqs.)

Next on my shopping list is probably a 7030+. I hope I don't find the
ergonomics -- its weak spot -- to be too much of a hemmoroid.

>phil :)

Eric

>

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2751. Re: [icomr75] Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 05:20:58 UTC
From: Eric F. Richards
Topic: 2732 Message: 2751

At 04:48 AM 11/6/2002 +0000, you wrote:
>I live less than 2 miles away from a 50kw "blowtorch" (1170 KLOK).
>I can hear it at 3510 khz. NOWHERE else. All of my other radios, and
>I have MANY, pick up that station everywhere unless I use the
>attenuator or turn down the RF gain. (same antenna my R75 is on).
>Don't know what to tell you.
>P.S. I don't "worship" the R75. As you stated, it's just a radio...

Well, the long version of the story is that it is one leg of an abandoned V-sloper, fed as a long wire using an ICE transformer, on a radio quiet zone where ground conductivity was enhanced by a large grid of chicken-wire and ground rods every few feed. Boresighted down the end of that wire, approximately 80 miles away, is a 50 kW daytime station. Everything below 10 MHz is wiped out, completely, unless the attenuator is on. If you try to use the preamps, kiss any useful reception good bye.

The wire is approximately 1000 feet long.

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2752. Re: [icomr75] Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 05:28:27 UTC
From: Gert Nilsson
Topic: 2732 Message: 2752

I have used the Drake R4B, Hammarlund HQ180, Collins R390A, ICOM R71 and ICOM R75. At the moment I use the ICOMs side by side. Not very big difference in performance. The R75 is a little more sensitive. I use these receivers with long beverage antennas (1000 meters) and preamplifiers ahead of the receivers. I never experience any crossmodulation on the R71, sometimes I have to switch of the internal preamplifier of the R75. The R75 is much easier to use, so often I search for stations on the R75 while I record another station on the R71.

I have also had a 7030 side by side for comparison. Not very much difference except that the 7030 have greater frequency response in the AF stage and that the R75 is a little better on very weak stations. I have sound samples for those interested.

The AOR AR-5000 and ICOM R-71A both are used as professional surveillence receivers. I had a chance to play with an R-71A, and it was impressive.

[Non-text portions of this message have been removed]

2753. Re: R75 Specs

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 06:29:56 UTC
From: payman_a
Topic: 2747 Message: 2753

Thanks Eric. I will check it out.

payman

--- In icomr75@y..., "Eric F. Richards" <efricha@d...> wrote:
> At 04:01 AM 11/6/2002 +0000, you wrote:
> >Are there any professional lab measurements of various R75 specs
> >(sensitivity, dynamic range, third order intercept, ultimate
> >rejection, ...) available anywhere online or in print? (besides the
> >ones on Icom's web site).
>
> QST magazine reviewed the '75 in the Jan 2000 issue.

2754. Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 07:39:54 UTC
From: just_rtfm
Topic: 2732 Message: 2754

hi Gert!

> Not very much difference except that the 7030 have greater
> frequency response in the AF stage and that the R75 is a little
> better on very weak stations.

i am VERY interested in the sound samples. i can do some spectral analysis on them. after doing my fidelity mod the R75 sounds excellent on music. btw, did you hear the sound sample i put up? there are minor downsides (less so with the 100k-ohm solution) including the SSB may need to be tightened by tweeking the PBTs [aka you cannot rely on the AF filters for bandwidth control, no biggy]. once you hit the DSP you kill everything above 5 kHz because of the unit's 10,000 Hz sampling. i NEVER expected ICOM's DSP to be sampling up this high... a very pleasant surprise... overdesigned! the DSP also functions better now... i suspect because of all the highs... and the sound is not as attenuated. please send or upload your sound samples. thank you.

regards,
phil :)

2755. Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 08:45:36 UTC
From: ptrlmpn
Topic: 2732 Message: 2755

Aha! This certainly explains why you are gettig the MW overload
problems!

At 1000 ft, your antenna is probably more efficient at MW than SW!
For instance, it resonates at 3/4 wavelenghts for ~740 KHz!!

May I ask, why are you using such an antenna for shortwaves?

If your belief is that "the longer, the better", then you should
know that this is not true. It is a long story, but essentially,
a single, long wire, once reasonably long (over 1/6 wavlength or so),
will not pick up any more signal if even longer.
All will happen is that you have a standing wave on the wire.
If you want to pick up a stronger signal, put elements in
parallel (Yagi, Quagi), build antenna arrays, or use some
other similar solution.
But I would argue that, given the level of atmospheric noise, and
the sensitivity of modern radios, you don't need for reception to
do anything fancy in a radio quiet zone.
I could go on for some time elaborating on
these points, but a good book on antennas may be the better
resource.

What you are doing with such a long antenna is boost the MW
reception. You should use that antenna for MW, but NOT for SW.

You are spending thousands of dollars on radios. In my
opinion, you should also pay equal attention to your antennas,
making sure that the spectral sensitivity and S/N performance
of the antenna matches the frequencies you want to listen to.

Your antenna gives a huge MW overload, while being no more sensitive
for SW than a normal (dipole, random wire) antenna.
You then have to use strong attenuation to get rid of MW overload,
decreasing the SW signal as well.
From the SW point of view, your antenna is equivalent to a
standard dipole or random wire antenna, followed by a 40dB
attenuator!
I would not be surprised if I, with my 3ft-diameter loop antenna
in the noisy SF Bay Area, can actually receive fainter signals
on SW than you can.

All the best,

Peter

--- In icomr75@y..., "Eric F. Richards" <efricha@d...> wrote:
> Well, the long version of the story is that it is one leg of an
> abandoned V-sloper, fed as a long wire using an ICE transformer, on
> a radio quiet zone where ground conductivity was enhanced by a large
> grid of chicken-wire and ground rods every few feed. Boresighted down
> the end of that wire, approximately 80 miles away, is a 50 kW daytime
> station. Everything below 10 MHz is wiped out, completely, unless the
> attenuator is on. If you try to use the preamps, kiss any useful
> reception good bye.
>
> The wire is approximately 1000 feet long.
>
> --
> Eric F. Richards
> efricha@d...
> "The weird part is that I can feel productive even when I'm doomed."
> - Dilbert

2756. Re: Passive Outdoor Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 09:11:39 UTC
From: ptrlmpn
Topic: 2647 Message: 2756

I know that this is not what you asked for, but:

I am in a similar situation (lots of trees), and I am very happy
with my Wellbrook ALA 330 active loop.
Sure, it is active, but why don't you like active loops?
A passive loop of that size would have far too low signal output.
And loop antennas tend to pick up less noise, other things
being equal, and they are very effective even when
placed closer to ground (as a bonus, less worry for
lightning strikes).
If you like, I can email you a photo of my installation:
I simply attached the ALA 330 to the fence, and it works
very well.

Peter

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> John P.,
> What did you use before you installed the Eavesdropper and how did
it compare to it? Which direction is the Eavesdropper installed?
Sounds like your antenna is about 7 to 8 feet from the ground, is that
right? I too live in Florida but my problem is my lot; although it is
1/2 acre, it has a lot of trees, front and back, which makes it almost
impossible to get to a height above the trees, and difficult to string
a 45 foot length horizontal antenna since branches are just about
everywhere above 10 feet - I could probably locate some clear spots at
about 12 feet high and maybe 15 feet in a limited area. My concerns
with the antenna are height and direction: I didn't think I would be
able to achieve an acceptable height i.e.20 to 25 feet. I also wanted
to obtain signals from the east and west so I assume I need to string
it north to south; based on your installation instructions for the
Eavesdropper, does this seem right to you (minimum height and
direction)? Yet, when I read Joe Carr's Antenna Handbook, it seems
that most signals from far away are not directional anyway.
> George
>
> ----- Original Message -----
> From: John Pickrell
> To: icomr75@y...
> Sent: Saturday, November 02, 2002 11:46 AM
> Subject: Re: [icomr75] Passive Outdoor Antenna
>
>
> George,
>
> Well that takes a lot of explaining-suffice to say I live in FL

and in a Deed Restricted community.
>
> My house has extra wide eaves and soffets (as most do in FL) so I dropped a stand off 14" below my gutters and strung the Eavesdropper (as a dipole) between the standoffs. So far the "Deed Restriction Police" have either not noticed or are ignoring it. My next step is to raise it about 10' and see how much attention I attract.
>
> John P.
>
> ----- Original Message -----
> From: Moxie3
> To: icomr75@y...
> Sent: Saturday, November 02, 2002 11:47 AM
> Subject: Re: [icomr75] Passive Outdoor Antenna
>
>
> John P.,
> How high did you install the Eavesdropper C?
> George
> ----- Original Message -----
> From: John Pickrell
> To: icomr75@y...
> Sent: Saturday, November 02, 2002 8:47 AM
> Subject: Re: [icomr75] Passive Outdoor Antenna
>
>
> Try an Eavesdropper C. I've been using one for six months with excellent results. The antenna element is 42' long(mountable in many configurations) and over all about 45'. They are available from many sources-just look them up on the net.
>
>
> John P.
> ----- Original Message -----
> From: Moxie3
> To: icomr75@y...
> Sent: Saturday, November 02, 2002 10:12 AM
> Subject: [icomr75] Passive Outdoor Antenna
>
>
> I am looking for a good (not perfect)passive outdoor antenna which doesn't take much space. Is there such a thing as a passive loop antenna? All of the loop antennas I've seen advertised are active.
> George
>
> [Non-text portions of this message have been removed]
>
>
> To unsubscribe from this group, send an email to:

> icomr75-unsubscribe@e...
>
>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
>
>
> [Non-text portions of this message have been removed]
>
>
> Yahoo! Groups Sponsor
> ADVERTISEMENT
>
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@e...
>
>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
>
>
> [Non-text portions of this message have been removed]
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@e...
>
>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
>
>
> [Non-text portions of this message have been removed]
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@e...
>
>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
> [Non-text portions of this message have been removed]

2757. Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 13:20:59 UTC
From: atagrasin
Topic: 2732 Message: 2757

--- In icomr75@y..., "Gert Nilsson" <gert.nilsson@m...> wrote:
> I have used the Drake R4B, Hammarlund HQ180, Collins R390A, ICOM
R71 and ICOM R75. At the moment I use the ICOMs side by side. Not
very big difference in performance. The R75 is a little more
sensitive. -
-- In icomr75@y..., "Jim Hackett" <jim_hack@y...> wrote:
> I live less than 2 miles away from a 50kw "blowtorch" (1170 KLOK).
> I can hear it at 3510 khz. NOWHERE else. All of my other radios,
and
Yes I have one here 1 mile from my house at 1390 khz and no problem
> I have MANY, pick up that station everywhere unless I use the
> attenuator or turn down the RF gain. (same antenna my R75 is on).
> Don't know what to tell you.
> P.S. I don't "worship" the R75. As you stated, it's just a radio...
Yes a very good performer radio,better after the mods.
> --- In icomr75@y..., "Eric F. Richards" <efricha@d...> wrote:
> > >Ultimate rejection in the R-75 is very good.
> > > > Respect it for what it is, but don't forget what it is not.
> > >Yes it's not a basic radio for beginners.
> >
> > Some day, I hope you get to try a radio that is really not a basic
> > radio. This sort of blind worship is exactly what I'm talking
Blind worship is to start to talk about radios that you never
own.Play with a radio in a radio store or try a radio in the internet
is not a true test. Blind worship is also not to learn about
antenna's arrangements and theory before attempting to report about
receivers performance.Antenna performance is one part geography and
geology,one part technology,one part installation.
> > Someone comes here to learn about this radio and every post says
> how
> > good it is -- someone like me! -- and they find out it is a
> mediocre
> > performer after they purchase it.
Mediocre for someone who don't know how to use a good antenna for
each band with it.I have a K9AY outside loop for MW and a random wire
150' for shortwave.
> > It cannot even stand up to an antique FRG-7! Be realistic. This
> isn't
> > a WJ, not a Ten-Tec of any flavor, not a Collins, not a Drake.
> Not a
> > Lowe or an AOR.
The R-75 is more sensitive than the AOR 7030+ and Drake R8
series in the shortwave band..After the sensitivity mod is more
sensitive in the MW band than the AOR,DRAKE, and run side by side
with the big guns Collings, WJ, and ten-tec 340.

> > What it is is a box with a lot of features on a fair receiver
with
Only your biased oppinion If you check WRTH,passport and other
reviewers you will go to find something like this :"oustanding
rejection" "Excellent rejection of spurios signals,reception of
utility and ham
signals as well as world band signals""excellent sensitivity to weak
signals,pretty good audio with outboard speaker" this is in page 141
of 2002 passport R-75 review.In the WRTH 2000 page 33 "strongly
recomended,best value tabletop receiver, its compares exceedingly
well with the R8B[drake]".Not so bad for a "mediocre" receiver as you
call it.Do you ever try it side by side for weak signal reception
with a drake R8B as I did day by day for 3 weeks?Or with a rascal
6790?Or with a
Aor 7030+? And remember the passport and WRTH R-75 review was with a
stock
one.Can you imagined what could happened if they use a mod R-75 one?
> excellent price point. You can 1 Hz step and PBT all you want, but
> > when the entire dial is sprayed with MW overload, as mine is,
those
> > features mean nothing.
Yes if you use a 1000 feet ant without a good foundation in ant
theory and installation knowledge sure that will be the result.
You think it's so bloody good, do you want to buy mine?
> $350+shipping.
> > I cannot in good conscience ask any more than that. BTW, phil
> already
> > turned me down.
Phil is an intelligent guy .He is learning very fast and put the
solder gun where he put his words.Now after he did the mods he have a
truly performance receiver with a working sync det, upgrade in the
DSP performance,super sound,good sensitivity and a filter installed
without
any soldering a 3.0khz filter [cost $7.00] for very good
selectivity.An now he have a quantum loop ant for MW because he know
that before talk about the receiver performance YOU NEED TO WORK WITH
THE ANT FIRST.
Atagrasin

>

2758. AM Loop Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 13:41:07 UTC
From: Erine
Topic: 2758 Message: 2758

FYI: Radio Shack has their AM Loop Antenna on sale for $19.99. It is normally $29.99 and is said to work as well as or better than the $69 Terk model. They are out of stock online, and I had to go to 3 RS's to find one. It works great on the broadcast band and covers up to 1700 kHz. This is a good deal. Catalog # is 15-1853

Good luck

2759. Re: [icomr75] Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 13:55:23 UTC
From: Eric F. Richards
Topic: 2732 Message: 2759

At 08:45 AM 11/6/2002 +0000, you wrote:
>Aha! This certainly explains why you are gettig the MW overload
>problems!
>
>At 1000 ft, your antenna is probably more efficient at MW than SW!
>For instance, it resonates at 3/4 wavelenghts for ~740 KHz!!
>
>May I ask, why are you using such an antenna for shortwaves?

Actually, I rarely do. I primarily want to use it for below 500 kHz
stuff, but the receiver is utterly saturated there, too.

>If your belief is that "the longer, the better", then you should
>know that this is not true. It is a long story, but essentially,
>a single, long wire, once reasonably long (over 1/6 wavlength or so),
>will not pick up any more signal if even longer.
>All will happen is that you have a standing wave on the wire.

I agree and do, believe it or not, understand. Although there are
people who disagree with this, it certainly can be the case that
you end up with destructive interference.

However, one of the interesting things about using this wire is that
the 14.1 MHz ham propogation beacons usually ALL come in cleanly on
a single cycle through. One would not expect that... I certainly didn't.

>If you want to pick up a stronger signal, put elements in
>parallel (Yagi, Quagi), build antenna arrays, or use some
>other similar solution.

Well, the short version is that this wire was already in place.
One of the reasons for the chicken-wire ground plane is that the
place is practically a rock. I've even found one ground rod where
the guy who put it in simply gave up on pounding it into the rock
and cut it off at ground level.

Now, the things I'd "like" to do are to play with a T2FD out there --
there's a dipole test facility with two towers and ropes to ajust the
height of the endpoints. There's also about 16 LARGE LPDAs out there
I'd like to try, but unfortunately they are mounted on wooden poles
with some rot at the bottom. The other 4 LPDA poles have come crashing
down on their own.

>But I would argue that, given the level of atmospheric noise, and
>the sensitivity of modern radios, you don't need for reception to
>do anything fancy in a radio quiet zone.
>I could go on for some time elaborating on

>these points, but a good book on antennas may be the better
>resource.

Thanks, I have several, both beer-n-pretzels level and antenna theory
level. :-)

>What you are doing with such a long antenna is boost the MW
>reception. You should use that antenna for MW, but NOT for SW.

...and LW, as I stated below.

>You are spending thousands of dollars on radios. In my
>opinion, you should also pay equal attention to your antennas,
>making sure that the spectral sensitivity and S/N performance
>of the antenna matches the frequencies you want to listen to.

Absolutely, there's no doubt that the antenna is the most cost-effective
improvement you can make to any system. As for the radios, well... they
just kinda accumulated over the years, most of them through opportunity.
The R-75 I purposely bought to be my "in car" radio for going out to
this site. Previously I'd untangle my 8500 from all that it is wired to
and haul it out.

>Your antenna gives a huge MW overload, while being no more sensitive
>for SW than a normal (dipole, random wire) antenna.
>You then have to use strong attenuation to get rid of MW overload,
>decreasing the SW signal as well.
> >From the SW point of view, your antenna is equivalent to a
>standard dipole or random wire antenna, followed by a 40dB
>attenuator!

Yes, but the point is that other radios handle the situation better.
On LW, MW, and, yes, SW.

>I would not be surprised if I, with my 3ft-diameter loop antenna
>in the noisy SF Bay Area, can actually receive fainter signals
>on SW than you can.

With an R-75? I would agree. I'd also like to take a box loop out
there for LW stuff to see how it fares. BUT: Other radios have
better front-end protection. If I ever get so loony as to take my
R-392 "hernia maker" out there, I guarantee you it'd have no trouble
with overload. I know how the 8500 would fare, but I was hoping to
not haul it out there because of the aforementioned dealing with it,
the discomfort of having that expensive a radio in the car, and,
frankly, its own weaknesses in places where the R-75 is superior.

>All the best,
>
>Peter

Peter, while I may not entirely agree with you on everything, the
sane, rational response is MOST welcome! :-)

Cheers,

Eric

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2760. Re: [icomr75] Re: Passive Outdoor Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 15:06:16 UTC
From: Moxie3
Topic: 2647 Message: 2760

Peter,
Sounds good, please e-mail me your installation. Thanks,
George
----- Original Message -----
From: "ptrlmpn" <plampione@...>
To: <icomr75@yahoogroups.com>
Sent: Wednesday, November 06, 2002 3:11 AM
Subject: [icomr75] Re: Passive Outdoor Antenna

> I know that this is not what you asked for, but:
>
> I am in a similar situation (lots of trees), and I am very happy
> with my Wellbrook ALA 330 active loop.
> Sure, it is active, but why don't you like active loops?
> A passive loop of that size would have far too low signal output.
> And loop antennas tend to pick up less noise, other things
> being equal, and they are very effective even when
> placed closer to ground (as a bonus, less worry for
> lightning strikes).
> If you like, I can email you a photo of my installation:
> I simply attached the ALA 330 to the fence, and it works
> very well.
>
> Peter
>
> --- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> > John P.,
> > What did you use before you installed the Eavesdropper and how did
> it compare to it? Which direction is the Eavesdropper installed?
> Sounds like your antenna is about 7 to 8 feet from the ground, is that
> right? I too live in Florida but my problem is my lot; although it is
> 1/2 acre, it has a lot of trees, front and back, which makes it almost
> impossible to get to a height above the trees, and difficult to string
> a 45 foot length horizontal antenna since branches are just about
> everywhere above 10 feet - I could probably locate some clear spots at
> about 12 feet high and maybe 15 feet in a limited area. My concerns
> with the antenna are height and direction: I didn't think I would be
> able to achieve an acceptable height i.e.20 to 25 feet. I also wanted
> to obtain signals from the east and west so I assume I need to string
> it north to south; based on your installation instructions for the
> Eavesdropper, does this seem right to you (minimum height and
> direction)? Yet, when I read Joe Carr's Antenna Handbook, it seems
> that most signals from far away are not directional anyway.
> > George
> >

> > ----- Original Message -----
> > From: John Pickrell
> > To: icomr75@y...
> > Sent: Saturday, November 02, 2002 11:46 AM
> > Subject: Re: [icomr75] Passive Outdoor Antenna
> >
> >
> > George,
> >
> > Well that takes a lot of explaining-suffice to say I live in FL
> and in a Deed Restricted community.
> >
> > My house has extra wide eaves and soffets (as most do in FL) so I
> dropped a stand off 14" below my gutters and strung the Eavesdropper
> (as a dipole) between the standoffs. So far the "Deed Restriction
> Police" have either not noticed or are ignoring it. My next step is to
> raise it about 10' and see how much attention I attract.
> >
> > John P.
> >
> > ----- Original Message -----
> > From: Moxie3
> > To: icomr75@y...
> > Sent: Saturday, November 02, 2002 11:47 AM
> > Subject: Re: [icomr75] Passive Outdoor Antenna
> >
> >
> > John P.,
> > How high did you install the Eavesdropper C?
> > George
> > ----- Original Message -----
> > From: John Pickrell
> > To: icomr75@y...
> > Sent: Saturday, November 02, 2002 8:47 AM
> > Subject: Re: [icomr75] Passive Outdoor Antenna
> >
> >
> > Try an Eavesdropper C. I've been using one for six months with
> excellent results. The antenna element is 42' long(mountable in many
> configurations) and over all about 45'. They are available from many
> sources-just look them up on the net.
> >
> >
> > John P.
> > ----- Original Message -----
> > From: Moxie3
> > To: icomr75@y...
> > Sent: Saturday, November 02, 2002 10:12 AM
> > Subject: [icomr75] Passive Outdoor Antenna
> >

> >
> > I am looking for a good (not perfect)passive outdoor antenna
> which doesn't take much space. Is there such a thing as a passive
> loop antenna? All of the loop antennas I've seen advertised are active.
> > George
> >
> > [Non-text portions of this message have been removed]
> >
> >
> > To unsubscribe from this group, send an email to:
> > icomr75-unsubscribe@e...
> >
> >
> >
> > Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service.
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> > Yahoo! Groups Sponsor
> > ADVERTISEMENT
> >
> >
> >
> >
> > To unsubscribe from this group, send an email to:
> > icomr75-unsubscribe@e...
> >
> >
> >
> > Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service.
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> > To unsubscribe from this group, send an email to:
> > icomr75-unsubscribe@e...
> >
> >
> >
> > Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service.
> >
> >
> > [Non-text portions of this message have been removed]
> >

> >
> > To unsubscribe from this group, send an email to:
> > icomr75-unsubscribe@e...
> >
> >
> >
> > Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
> >
> >
> > [Non-text portions of this message have been removed]
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

2761. Re: [icomr75] Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 14:37:09 UTC
From: Eric F. Richards
Topic: 2732 Message: 2761

At 01:20 PM 11/6/2002 +0000, you wrote:

> Blind worship is to start to talk about radios that you never
>own.Play with a radio in a radio store or try a radio in the internet
>is not a true test.

No, the R8B was in my hands, in the field, thanks to a very generous
owner. The R71 I had played with for several days.

Your point has merit w/ respect to radios like the '7030 and the others
I listed. However, I think that in the cases of the radios I mentioned,
no one -- NO ONE -- disagrees on their performance and capabilities.
(Other aspects, such as ergonomics, are more controversial, but I digress.)

However, in the case of the R-75, it is an ongoing issue that just never
dies. Note the subject line. :-) Note all the discussion insisting that
the Sync-AM works, even when you don't know it works.

Face it, the capabilities of the R-75 *are* controversial. Phil's and
others' mods to the radio are great things, but there are some people
like me, who simply don't have steady enough hands for surface-mount
work.

You can blame the antenna, the ionosphere, the laws of physics for being
so unfair, but the end result is that when I go chasing LW beacons I
cannot do it with this radio, while others fare better.

> Blind worship is also not to learn about
>antenna's arrangements and theory before attempting to report about
>receivers performance.Antenna performance is one part geography and
>geology,one part technology,one part installation.

...and 100 parts physics. This antenna was not built in a vacuum,
y'know... it wasn't even built by me, and it is one of the smaller
ones on that site. FCC regs require radio stations to shield the
radio quiet zone with their antenna patterns.

> Mediocre for someone who don't know how to use a good antenna for
>each band with it.I have a K9AY outside loop for MW and a random wire
>150' for shortwave.

And for LW? A box loop? A Beverage? (Terminated or not?) Read Joe
Carr's books, particularly his "Practical Antenna Handbook" which is
his mathematical/theoretical book, despite the "practical" in the
title.

Also, read up on DXpeditions -- you'll find that 1000 feet of wire is
nothing for those guys. Yet somehow, they get them to work on SW, MW

and LW without problems. Their secret? Receivers with solid front-ends.

> The R-75 is more sensitive than the AOR 7030+ and Drake R8
>series in the shortwave band..After the sensitivity mod is more
>sensitive in the MW band than the AOR,DRAKE, and run side by side
>with the big guns Collings, WJ, and ten-tec 340.

Sensitivity. Means. Nothing.

Once you are below the ambient noise level, more sensitivity is
irrelevent. Selectivity, dynamic range, ultimate rejection, filter
width and shape factors... those are more important.

> > > What it is is a box with a lot of features on a fair receiver
>with
>Only your biased oppinion

Yes, but not a prejudicial opinion -- one based on personal experience.
With several antennas. Under different working conditions. As I type
it sits next to the 392, 8500 and FRG-7 all off a *passive* 4 way
splitter/isolator. Note that with 8dB loss introduced by the splitter,
each radio holds its own with respect to sensitivity.

But other issues remain.

> If you check WRTH,passport and other
>reviewers you will go to find something like this :"oustanding
>rejection" "Excellent rejection of spurios signals,reception of
>utility and ham
>signals as well as world band signals""excellent sensitivity to weak
>signals,pretty good audio with outboard speaker" this is in page 141
>of 2002 passport R-75 review.In the WRTH 2000 page 33 "strongly
>recomended,best value tabletop receiver, its compares exceedingly
>well with the R8B[drake]".

Best VALUE tabletop receiver. Please find a message where I wrote
that it wasn't a great VALUE. For that matter, please find a message
where I did NOT write that I thought it was a great VALUE.

In terms of bang-for-buck, it can't be beat. In terms of ultimate
performance, it falls short.

>Not so bad for a "mediocre" receiver as you
>call it.Do you ever try it side by side for weak signal reception
>with a drake R8B as I did day by day for 3 weeks?Or with a rascal
>6790?

A "rascal" 6790? No, I didn't want to have to chase the thing around
the house and keep yelling at it to stay out of my 'fridge. :-)

No, I couldn't test for 3 weeks against the R8b. But I can compare
it to what I have now, and have done so for over a year.

>Or with a
>Aor 7030+? And remember the passport and WRTH R-75 review was with a
>stock
>one.Can you imagined what could happened if they use a mod R-75 one?

I'm sure that PWBR will give it a good review for *program listening*.
Heck, the R-71A was notorious for its lousy AM sound. But I'm not
using it for program listening, predominantly. I'm using it for LW.

>Yes if you use a 1000 feet ant without a good foundation in ant
>theory and installation knowledge sure that will be the result.

Which still qualifies as a "random" wire at the frequencies I
use it for. Now if the tower the apex of the sloper is fastened
to were safe to climb, I would restore it (and its twins) to
V sloper configuration as travelling wave antennas. But it isn't
possible, so I use it as I can. I know full well the weaknesses
of its "design" as it stands. But, I'm not using it as you think
I am.

> Phil is an intelligent guy .He is learning very fast and put the
>solder gun where he put his words.

Yes, phil is an intelligent guy -- intelligent enough to not deserve
condescending treatment!

>Now after he did the mods he have a
>truly performance receiver with a working sync det, upgrade in the
>DSP performance,super sound,good sensitivity and a filter installed
>without
>any soldering a 3.0khz filter [cost $7.00] for very good
>selectivity.

But that does nothing for the problem I am having.

>An now he have a quantum loop ant for MW because he know
>that before talk about the receiver performance YOU NEED TO WORK WITH
>THE ANT FIRST.

And I hope to use a loop for LW as well, because it's rather hard to
rotate the wire to change its directivity... :-)

Even so, with my inferior, poorly thought out, crapola design antenna,
my R-8500 shamelessly shrugs off the overwhelming MW signal and lets
me chase all the LW beacons downrange from the wire.

Clearly the 8500, the antenna and the universe is at fault. But not
the R-75.

NOTE TO LISTOWNER -- if you want this subject to be dropped, I will do
so immediately upon a private mail from you. However, I think discussion
of the R-75 should include the good, bad and ugly. Out of such discussion

comes solutions, if there are any. Such as the mods.

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2762. DIY Loop antennas ?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 14:57:44 UTC
From: Paulo Ferreira
Topic: 2647 Message: 2762

Has anyone seen the loop antennas projects in EPE magazine?

Link: http://www.epemag.com/projects.html

August 2001

Compact Shortwave Loop Aerial:
This Q-multiplied loop amplifies signals and nulls out electrical
interference. Four plug-in loops covering 1.5MHz to 30MHz

September 2000

Active Ferrite Loop Aerial: (For MW)
Superbly designed vertically and horizontally rotating reception optimizer.

In both cases they use among others one BF981 Mosfet, and they have a
bypass switch, and varicap tuning.

Any ideas or links about active or passive loops?

I have already seen the RNW MW DX guide.

Greetings
Paulo Ferreira

P.S.: This message has nothing against horses, dead or alive. The author
likes horses very much, among all kinds of animals. :-) :-) :-) :-) :-)

Paulo Ferreira paf@...

2763. RE: [icomr75] Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 15:06:20 UTC
From: Ashlock,William
Topic: 2732 Message: 2763

Eric,

>You think it's so bloody good, do you want to buy mine? $350+shipping.
>I cannot in good conscience ask any more than that.

Are you serious about this price?

Bill A

_____
This e-mail has been scanned for viruses by the WorldCom Internet Managed Scanning Service - powered by MessageLabs. For further information visit http://www.worldcom.com

2764. Re: [icomr75] Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 16:34:04 UTC
From: Bruce Jensen
Topic: 2732 Message: 2764

--- "Eric F. Richards" <efricha@...> wrote:
> At 12:58 AM 11/6/2002 +0000, you wrote:
>
> >Ultimate rejection in the R-75 is very good.
> It most certainly is not. I know from very painful experience.

I won't argue here (but see discussion below). If you're in a MW-rich area, as I am (and apparently Eric is), there are, at least sporadically, lots of MW products on the bands up to about 5.5 MHz, which can be annoying when you are using a good antenna for the tropical bands.

OTOH, I've never noticed anything, really, from MW or HF above about 7 Mhz. Clean as a whistle. Now, oddly, when I place a PAR high-pass MW filter on the radio, which cuts MW by about 50 dB, it doesn't help eliminate those products, and it should (I guarantee you, that filter cuts those MW signals down to size). This leads me to believe that there may be some wierd diode thing in my antennas rectifying those signals at odd frequencies, allowing them to bypass the filter altogether. So in fact, it may be my antennas and not the radio that is causing those problems, or at least the antenna may be partly to blame. I would suggest to anyone condemning the radio for spurious products that, if there is rust or corrosion or some poor bimetal contact anywhere in your system, there may be another cause.

> > > Respect it for what it is, but don't forget what it is not.
> >Yes it's not a basic radio for beginners.
>
> Some day, I hope you get to try a radio that is really not a basic
> radio. This sort of blind worship is exactly what I'm talking about.
> Someone comes here to learn about this radio and every post says how
> good it is -- someone like me! -- and they find out it is a mediocre
> performer after they purchase it.

I disagree. I still believe that, even with those MW products in the way, that I am only limited by my antenna and location. This is not worship (give me a break - talk about hyperbole), as I do not claim it to tbe the be-all and end-all of receivers. The three most critical things a receiver needs - good sensitivity, good selectivity and low noise floor - are all there in the R75. Frankly, at my location, no radio is going to be able to work to its potential, so I also cannot claim to have the best basis for an opinion on any radio - but I cannot imagine any other radio giving me better performance under my local circumstances.
>
> It cannot even stand up to an antique FRG-7! Be realistic. This isn't
> a WJ, not a Ten-Tec of any flavor, not a Collins, not a Drake. Not a
> Lowe or an AOR.

>
> What it is is a box with a lot of features on a fair receiver with an
> excellent price point. You can 1 Hz step and PBT all you want, but
> when the entire dial is sprayed with MW overload, as mine is, those
> features mean nothing.

Not everyone has this problem.

> You think it's so bloody good, do you want to buy mine? $350+shipping.
> I cannot in good conscience ask any more than that. BTW, phil already
> turned me down.

What did you expect? One is really enough of any radio.

You're right, it isn't perfect - but in terms of value per dollar spent, especially at its typical going price, it is hard to beat. That is the point, my point, and even you agree above.

These are my final words (for now) on this matter.

Bruce Jensen

Do you Yahoo!?
HotJobs - Search new jobs daily now
http://hotjobs.yahoo.com/

2765. Re: [icomr75] R75 Specs

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 16:37:28 UTC
From: Bruce Jensen
Topic: 2747 Message: 2765

```
--- payman_a <payman_a@...> wrote:
> Are there any professional lab measurements of various R75 specs
> (sensitivity, dynamic range, third order intercept, ultimate
> rejection, ...) available anywhere online or in print? (besides the
> ones on Icom's web site).
>
> payman

There must be a White Paper on it - no?

Radio Nederland didn't seem to find any problem with these specs in
general, IIRC.

Bruce Jensen

_____________________________________________________
Do you Yahoo!?
HotJobs - Search new jobs daily now
http://hotjobs.yahoo.com/
```

2766. Re: [icomr75] Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 16:40:33 UTC
From: Bruce Jensen
Topic: 2732 Message: 2766

--- Jim Hackett <jim_hack@...> wrote:
> I live less than 2 miles away from a 50kw "blowtorch" (1170 KLOK).
> I can hear it at 3510 khz. NOWHERE else. All of my other radios, and
> I have MANY, pick up that station everywhere unless I use the
> attenuator or turn down the RF gain. (same antenna my R75 is on).
> Don't know what to tell you.
> P.S. I don't "worship" the R75. As you stated, it's just a radio...

IT may not come as a shock, but many AM stations are also known to transmit those harmonic monstrosities due to poor transmitter maintenance, etc - and no radio will attenuate those. Not saying the R75 is suffering from this, but - it is another factor that may be beyond the radio's (any radio's) control.

Bruce Jensen

_____
Do you Yahoo!?
HotJobs - Search new jobs daily now
http://hotjobs.yahoo.com/

2767. Re: [icomr75] R75 Specs

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 16:42:14 UTC
From: Bruce Jensen
Topic: 2747 Message: 2767

--- "Eric F. Richards" <efricha@...> wrote:
> At 04:01 AM 11/6/2002 +0000, you wrote:
> >Are there any professional lab measurements of various R75 specs
> >(sensitivity, dynamic range, third order intercept, ultimate
> >rejection, ...) available anywhere online or in print? (besides the
> >ones on Icom's web site).
>
> QST magazine reviewed the '75 in the Jan 2000 issue.
>
> PDF online -- I can summarize, but you can get a reprint faxed to
> you for a nominal cost -- I've done that before. www.arrl.org
>
> I suspect that IBS will have a white paper available soon, if not
> now. www.passband.com A quick look at their web site doesn't show
> it. Furthermore, there aren't many current receivers available, so
> I don't know what their white paper future is.
>
> Radio Nederland has a review with specs distributed through it.
> They're always a good source of info on receivers:
>
> www.rnw.nl/realradio/icr75.html
>
>
> Again, if you want me to quote the lab measurements from ARRL's tests,
> I can do that, but it's a lot of typing...
>
> Eric

As I recall, QST gushed over the R75 - which probably was overboard. They seemed to blindly accept the claim that the S-AM was working as expected out of the box.

Bruce Jensen

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2768. Re: [icomr75] Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 16:45:33 UTC
From: Bruce Jensen
Topic: 2732 Message: 2768

--- "Eric F. Richards" <efricha@...> wrote:

> The answer is, of course, that I don't. But my *personal experience*
> ranks it below the R-8500, the R-392, FRG-7, FRG-100 (closest) and
> HF-150.
>
> Now, all of those radios have areas where they are deficient to the '75;
> for example, the HF-150 is far more prone to front-end overload.
> However,
> *overall*, they all rank above the '75.

I swapped the FRG-100 for the R75. Apparently you and I have different experiences, because it was a major step up by my reckoning. I can hear and copy stations on my R75 that were *impossible* on the FRG.

Bruce Jensen

_____
Do you Yahoo!?
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http://hotjobs.yahoo.com/

2769. Re: R75 Specs

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 16:46:01 UTC
From: payman_a
Topic: 2747 Message: 2769

The only Passband white papers for current receivers are those on the
Drake R8B, Grundig Satellit 800, Sony ICF-2010, and Yaesu FRG-100.

I will look up the QST article today and may summarize portions on
this forum.

payman

--- In icomr75@y..., Bruce Jensen <bpnjensen@y...> wrote:
>
> There must be a White Paper on it - no?
>
> Radio Nederland didn't seem to find any problem with these specs in
> general, IIRC.
>
> Bruce Jensen

2770. Re: [icomr75] Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 16:46:58 UTC
From: Gert Nilsson
Topic: 2732 Message: 2770

Sensitivity means nothing? This is certainly true if you live in high noise area. But if you use beverage antennas in very quiet locations the sensitivity is very important. For daytime reception of transatlantic stations over here in Sweden extra amplification is really needed. I use 15 dB extra most of the time + the internal preamplifier and have perfect readability despite no movement of S-meters!

By the way:

I think the longwire is a perfect antenna for tropical shortwave reception. It is very directive, gives about the same signal strength as a dipole (or some dBs more) and can be erected as low as 3-6 meters for good performance. The dipole for 60 meter band should be 30 meters high for best performance.

About overloading of the R75:

Something must be totally wrong with your R75. It is absolutely impossible to overload the shortwave with a AM band signal. I have tried connecting my signalgenerator to the antenna input in parallell with my outdoor antennas and I can hear nothing from it more than 30 kHz from the modulated carrier.

I have a 600 kW station just across the Baltic Sea in Finland about 500 kilometers away anf have no problems. A friend of mine has his receiver in the shadow of Radio Sweden 1200 kW transmitter on 1279 kHz. No problems. (He tried a NRD545 but sold it.....)

[Non-text portions of this message have been removed]

2771. Re: [icomr75] Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 16:47:27 UTC
From: efricha@dimensional.com
Topic: 2732 Message: 2771

>
> Eric,
>
> >You think it's so bloody good, do you want to buy mine? $350+shipping.
> >I cannot in good conscience ask any more than that.
>
> Are you serious about this price?
>
> Bill A
>

Yeah. The '75 hasn't worked out for me, and so it really isn't
worth anything to me at this point.

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2772. Re: [icomr75] Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 17:23:52 UTC
From: efricha@dimensional.com
Topic: 2732 Message: 2772

```
>
> Sensitivity means nothing?

Yup. Where is your S-meter sitting on a quiet section of the HF
band? everything you read there is noise. If you can't hear it
above the noise, or if you can't filter the noise out, you're
wasting effort in amplifying it.

The respected AOR 7030 has sensitivities in the 0.5-0.6 uV range.

Th R-75 plays mostly in the 0.15 uV range.

This is from Radio nederland: http://www.rnw.nl/realradio/rx_testing.html

> especially on long-, medium-, and short-wave up to 10 MHz, the
> atmospheric and man-made noise is high. At these frequencies,
> the antenna is much more important for long distance reception
> than the sensitivity of the receiver. So, for instance, if you
> read in a review that somebody in Europe has received on a clear
> channel ABC Radio in Alice Springs, Australia on 2910 kHz, then
> you know that he (or she!) used a very good antenna, listened at
> the right time and that the local man-made noise was not very
> high. But all this does not say much about the receiver.

The above figures were from ARRL. Here's what RN had to
say about the 7030: http://www.rnw.nl/realradio/ar7030.html

> Sensitivity
>
> The sensitivity figures are fine. Remember that the atmospheric-
> and man-made noise is very high on shortwave and sensitivity is
> less important. If a low efficiency antenna is used, the + 10 dB
> preamplifier can be used, but be careful because intermodulation
> products become 30 dB stronger than in the 0 dB position. Due to
> the noise figures of the amplifier and the receiver, the pre-amp
> does not give 3,16 times (10 dB) more sensitivity. It improves
> the sensitivity approximately 2 times in the range 20 kHz to 7 MHz,
> and roughly 2,5 times in the upper part of the shortwave bands.
>
> Signal-noise ratio and noise floor
>
> The sensitivity figures are very good. Even with relatively small
> signals (S5 in AM and S4 in SSB) good intelligibility is achieved.
> Maximum signal/noise ratio in AM was an excellent 50 dB with a 4 mV
> signal. The minimum discernible signal (noise floor) in SSB was -122
> dBm (0.18 uV) with RF gain 0 dB, with the preamp on (RF gain + 10 dB)
> the noise floor was - 129 dBm (0.08 uV).
```

...and here's what they had to say about the R-75:
http://www.rnw.nl/realradio/icr75b.html

> The IC-R75 is very sensitive, so much so that to quote sensitivity
> specifications is meaningless.

> But if you use beverage antennas in very quiet locations the
> sensitivity is very important.

More important, up to a point. That point being the noise floor.

> For daytime reception of transatlantic stations over here in
> Sweden extra amplification is really needed. I use 15 dB extra
> most of the time + the internal preamplifier and have perfect
> readability despite no movement of S-meters!

I'm interested in your specific catches -- do you have 'em
logged?

>
> About overloading of the R75:
>
> Something must be totally wrong with your R75.

I have considered that.

> It is absolutely impossible to overload the shortwave with a AM band
> signal.

Be careful of "absolutes." I tried to get a good reading on what the
antenna was doing with a spectrum analyzer, but was unable to do so..
What was the strongest signal level you tested your R75 to?

> I have a 600 kW station just across the Baltic Sea in Finland about
> 500 kilometers away anf have no problems.

Frequency? If MW or above, you are out of ground-wave range, so
lack of overload isn't going to be a problem.

> A friend of mine has his receiver in the shadow of Radio Sweden
> 1200 kW transmitter on 1279 kHz. No problems. (He tried a
> NRD545 but sold it......)
>

Now THAT one interests me. Can you give me a field strength reading
in uV/m? What about an RF voltage off his antenna and antenna
configuration? (Don't worry, I have to borrow the equipment to do
that, too, so if you can't, I understand.)

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2773. Re: [icomr75] Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 17:32:05 UTC
From: efricha@dimensional.com
Topic: 2732 Message: 2773

For the curious, here's some links about where I have
that antenna.

http://www.srrb.noaa.gov/surfrad/tmtpics/
http://www.its.bldrdoc.gov/home/programs/tm_quiet_zone/
http://www.its.bldrdoc.gov/home/programs/tm_quiet_zone/1966/
http://www.dim.com/~efricha/Table_Mountain/
http://www.dim.com/~efricha/Table_Mountain/mapquest_overhead.jpg
http://www.deep-space.org/
http://bcn.boulder.co.us/community/tma/ (Good "links" page)

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2774. Re: [icomr75] Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 17:42:40 UTC
From: Gert Nilsson
Topic: 2732 Message: 2774

You may find both my loggings and my QSLs on my home page
home.swipnet.se/~w-38231/dxindexe.htm

[Non-text portions of this message have been removed]

2775. Re: [icomr75] Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 18:07:31 UTC
From: efricha@dimensional.com
Topic: 2732 Message: 2775

>
> You may find both my loggings and my QSLs on my home page
> home.swipnet.se/~w-38231/dxindexe.htm
>
>

Nice page! Thank you for the pointer.

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2776. Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 20:21:15 UTC
From: LarryR
Topic: 2732 Message: 2776

> Now, oddly, when I place a PAR high-pass MW
> filter on the radio, which cuts MW by about 50 dB, it doesn't help
> eliminate those products, and it should (I guarantee you, that
filter cuts
> those MW signals down to size). This leads me to believe that
there may
> be some wierd diode thing in my antennas rectifying those signals
at odd
> frequencies, allowing them to bypass the filter altogether. So in
fact,
> it may be my antennas and not the radio that is causing those
problems, or
> at least the antenna may be partly to blame

It doesn't even have to be in your antenna system. It could be re-
radiated from anything nearby, such as a rusty fence, etc.

2777. Re: [icomr75] Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 20:46:46 UTC
From: Bruce Jensen
Topic: 2732 Message: 2777

--- LarryR <nospam4russell@...> wrote:
> > Now, oddly, when I place a PAR high-pass MW
> > filter on the radio, which cuts MW by about 50 dB, it doesn't help
> > eliminate those products, and it should (I guarantee you, that
> filter cuts
> > those MW signals down to size). This leads me to believe that
> there may
> > be some wierd diode thing in my antennas rectifying those signals
> at odd
> > frequencies, allowing them to bypass the filter altogether. So in
> fact,
> > it may be my antennas and not the radio that is causing those
> problems, or
> > at least the antenna may be partly to blame
>
> It doesn't even have to be in your antenna system. It could be re-
> radiated from anything nearby, such as a rusty fence, etc.

Ah! Well, then, it may be any one of a hundred nearby objects. Alas!
All hope is lost :-(;-)

Thanks!
Bruce Jensen

_____
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2778. Re: [icomr75] Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 21:32:51 UTC
From: efricha@dimensional.com
Topic: 2732 Message: 2778

```
>
> --- LarryR <nospam4russell@...> wrote:
> >
> > It doesn't even have to be in your antenna system. It could be re-
> > radiated from anything nearby, such as a rusty fence, etc.
>
> Ah! Well, then, it may be any one of a hundred nearby objects. Alas!
> All hope is lost :-( ;-)
>

Actually that was a suspicion at one time and *may* have been part
of the problem, but is no longer, yet the problem persists. (Got that?)

Do a Google news search on rec.radio.shortwave for the subject

The case of the mixing product

Eric

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert
```

2779. Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 22:12:37 UTC
From: ptrlmpn
Topic: 2732 Message: 2779

What about the power supply?

Peter

--- In icomr75@y..., efricha@d... wrote:
> >
> > --- LarryR <nospam4russell@c...> wrote:
> > >
> > > It doesn't even have to be in your antenna system. It could be re-
> > > radiated from anything nearby, such as a rusty fence, etc.
> >
> > Ah! Well, then, it may be any one of a hundred nearby objects.
Alas!
> > All hope is lost :-(;-)
> >
>
> Actually that was a suspicion at one time and *may* have been part
> of the problem, but is no longer, yet the problem persists. (Got that?)
>
> Do a Google news search on rec.radio.shortwave for the subject
>
> The case of the mixing product
>
> Eric
>
> --
> Eric F. Richards
> efricha@d...
> "The weird part is that I can feel productive even when I'm doomed."
> - Dilbert

2780. Re: [icomr75] Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 22:22:10 UTC
From: efricha@dimensional.com
Topic: 2732 Message: 2780

```
>
> What about the power supply?
>
> Peter
>

I always run off battery supplied DC. In the field, as with this
problem, I use a filtered adapter from the cig lighter with the
motor off. At home, 200 Ah of batteries charged by solar power.

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert
```

2781. Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-06 23:50:10 UTC
From: just_rtfm
Topic: 2732 Message: 2781

hi Peter:

i agree. i use indoor loops for SW and MW... they are nice for
controlling man-made noise on SW and for directionality on MW.

phil :)

2782. Re: DIY Loop antennas ?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-07 00:06:27 UTC
From: just_rtfm
Topic: 2647 Message: 2782

hi Paulo:

one of my MW antennas has a Q-multiplier... it is like having a bandwidth tightening control! loops are great for attenuating man-made noise... the R75 is very sensitive (plus you can get an active loop) so a clean signal is more important than an overly strong one IMO. at SW frequencies loops are not as directional but they can still block out local noise.

> Any ideas or links about active or passive loops?

see link at bottom for SW loop to give ideas...
http://www.torustuner.com/

mostly medium wave loops...
http://www.hard-core-dx.com/nordicdx/antenna/loop/index.html

*** HULA HOOP LOOP *** for regular AM but good for ideas...
http://notebook.beradio.com/ar/radio_variation_shieldedloop_am/

phil :)

2783. Re: [icomr75] Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-07 00:57:18 UTC
From: Bruce Jensen
Topic: 2732 Message: 2783

```
--- efricha@... wrote:
> >
> > --- LarryR <nospam4russell@...> wrote:
> > >
> > > It doesn't even have to be in your antenna system. It could be re-
> > > radiated from anything nearby, such as a rusty fence, etc.
> >
> > Ah! Well, then, it may be any one of a hundred nearby objects. Alas!
>
> > All hope is lost :-( ;-)
> >
>
> Actually that was a suspicion at one time and *may* have been part
> of the problem, but is no longer, yet the problem persists. (Got that?)
>
> Do a Google news search on rec.radio.shortwave for the subject
>
> The case of the mixing product

Eric, do you mean your case, my case (which I meant), or all cases?
Meanwhile, I will look for the item you suggest.

Bruce Jensen

_____________________________________________
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http://launch.yahoo.com/u2
```

2784. Re: [icomr75] Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-07 01:33:34 UTC
From: Radostin Danev
Topic: 2732 Message: 2784

Hi Eric,

Have you done spectrum analysis of the signals comming from that big beverage antenna? Your experiences with R75 and other radios are kind of strange. There may be some huge signal on some odd frequency that resonates the R75 front-end (some of the bandpass filters or the transformer for the high impedance antenna input ANT2).

Best regards,

Rado

2785. Re: [icomr75] Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-07 01:51:11 UTC
From: Radostin Danev
Topic: 2732 Message: 2785

Another point. If I remember correctly R8500 uses relays to switch input filters, R75 uses diodes. There are also some protection diodes accross the antenna input. If the signal is so huge as to be above the switching voltage of the protection diodes then R75 will be really swamped. And a question - how did you power the R75? From a battery, generator or inverter?

Regards,

Rado

2786. Re: [icomr75] Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-07 02:12:28 UTC
From: Eric F. Richards
Topic: 2732 Message: 2786

At 10:33 AM 11/7/2002 +0900, you wrote:
>Hi Eric,
>
>Have you done spectrum analysis of the signals comming from that big
>beverage antenna? Your experiences with R75 and other radios are kind of
>strange. There may be some huge signal on some odd frequency that resonates
>the R75 front-end (some of the bandpass filters or the transformer for the
>high impedance antenna input ANT2).

The '8500 uses both relays and diodes.

I did go out there with a spectrum analyzer that petulantly refused
to work below 1 MHz, and the primary suspect in interference is at
670 kHz.

I did a writeup of my attempted analysis on rec.radio.shortwave:

Subject: R75 front end overload (chapter n++)
Date: Fri, 10 May 2002 10:27:49 -0600
Message-ID: <tlrndugnqq23ob2loh07ulr7th5i5ltlgg@...>

>Best regards,
>
> Rado

Thanks!

Eric

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2787. UT-102 Voice Synthesizer

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-07 03:26:05 UTC
From: Moxie3
Topic: 2787 Message: 2787

Not to change the subject, but I have a question. Is the UT-102 a worthwhile option?
George

[Non-text portions of this message have been removed]

2788. Re: [icomr75] Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-07 02:24:52 UTC
From: Eric F. Richards
Topic: 2732 Message: 2788

At 04:57 PM 11/6/2002 -0800, you wrote:
>--- efricha@... wrote:
> > >
> > > --- LarryR <nospam4russell@...> wrote:
> > > >
> > > > It doesn't even have to be in your antenna system. It could be re-
> > > > radiated from anything nearby, such as a rusty fence, etc.
> > >
> > > Ah! Well, then, it may be any one of a hundred nearby objects. Alas!
> >
> > > All hope is lost :-(;-)
> > >
> >
> > Actually that was a suspicion at one time and *may* have been part
> > of the problem, but is no longer, yet the problem persists. (Got that?)
> >
> > Do a Google news search on rec.radio.shortwave for the subject
> >
> > The case of the mixing product
>
>Eric, do you mean your case, my case (which I meant), or all cases?

Yes. :-)

I was referring to my case, but the whole idea of trying to find
oxidized junctions in a sea of chicken wire will make you go postal.

When WWVB was doing their upgrades, there was apparantly some construction
equipment or tools that had a non-linear junction because one night a
member of a local monitoring net mentioned that he was hearing this
"really bizarre CW" at 180 kHz. Turned out, of course, it was WWVB and
it was spraying waay up the dial and the harmonics were very strong
at my location in Boulder, quite some distance from the transmitter
in Ft. Collins. One of the members of the net knew one of the on-site
engineers out there and called him about it, but it reappeared sporadically
until the upgrade work was done.

>Meanwhile, I will look for the item you suggest.

Here's a more specific set of pointers:

Subject: The Case of the Mixing Product...
Message-ID: <8svlotoo8k0bbf04nellb13usdj81uevog@...>
Date: Mon, 27 Aug 2001 22:42:43 -0600

>Bruce Jensen
>

>_____
>Do you Yahoo!?
>U2 on LAUNCH - Exclusive greatest hits videos
>http://launch.yahoo.com/u2
>
>To unsubscribe from this group, send an email to:
>icomr75-unsubscribe@egroups.com
>
>
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2789. Re: [icomr75] Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-07 02:26:53 UTC
From: Eric F. Richards
Topic: 2732 Message: 2789

At 08:45 AM 11/6/2002 -0800, you wrote:

>I swapped the FRG-100 for the R75. Apparently you and I have different
>experiences, because it was a major step up by my reckoning. I can hear
>and copy stations on my R75 that were *impossible* on the FRG.

I found the FRG-100 to be basic but very capable. My biggest beef
with it was chuffing and phase noise. The lack of keypad didn't
hurt at all, for me, and, aside from the very clean PLL on the 8500
I replaced it with, it wasn't too bad.

>Bruce Jensen
>
>_____
>Do you Yahoo!?
>HotJobs - Search new jobs daily now
>http://hotjobs.yahoo.com/
>
>To unsubscribe from this group, send an email to:
>icomr75-unsubscribe@egroups.com
>
>
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2790. Re: [icomr75] Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-07 02:28:17 UTC
From: Eric F. Richards
Topic: 2732 Message: 2790

At 10:51 AM 11/7/2002 +0900, you wrote:
>And a question -
>how did you power the R75? From a battery, generator or inverter?

Car battery, through a filtered cig ltr plug. Car always turned off.

Eric

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2791. Re: [icomr75] UT-102 Voice Synthesizer

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-07 02:28:18 UTC
From: Bill Brady
Topic: 2787 Message: 2791

> Not to change the subject, but I have a question. Is the UT-102 a worthwhile
> option?
> George

I second that question George!

--Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest
hour that the most stars come out.

[Non-text portions of this message have been removed]

2792. Re: UT-102 Voice Synthesizer

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-07 03:26:33 UTC
From: Jim Hackett
Topic: 2787 Message: 2792

I purchased one for my R75 and am happy with it. I use it
to "stamp" my recordings with the frequency, mode, time, signal
strength. The volume of the speech is a little low for my likes but
it is valuable to me...

--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Not to change the subject, but I have a question. Is the UT-102 a
worthwhile option?
> George
>
> [Non-text portions of this message have been removed]

2793. Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-07 09:01:13 UTC
From: just_rtfm
Topic: 2732 Message: 2793

hi Eric:

i know you are a smart guy and personally i've enjoyed these discussions. i wish there were more debates on the Palstar and RX-350 boards where i lurk (hear that guys... i know you lurk here too :p). Peter's explaination makes sense. i was not savy enough to piece together what was going on but needing 40 dB attenuation in front of an R8B, i knew something was awry. i am having a lot of success using indoor loops for both MW and SW. i am still a novice in many regards (on MW i am a big novice compared to someone like Gert). for LW i would probably do the MW attenuator bypass mod and add a LPF to attenuate the BCB.

IMO there are a lot of myths surrounding receivers. first, like natural selection, all the current tabletops are survivors... they all fill a niche. rankings in magazines are subject to opinions. specs, features, cost... facts. IMO the best overall performing non-professional radio is the 7030+... still more people in our hemisphere purchase the R8B with its good performance and ergonomics.

IMO the R75 is a great SSB radio: dynamic range is 103 dB, for $100 you can get a filter with a shape factor of 1.6 and >90 dB of ultimate rejection, the front end has 1.6 MHz H/LPFs and 8 bandpass filters, the synthesizer [IMO the hardest part of receiver design] has phase noise better than the RX-340 and WJ8711. after the sync-AM, AM-AGC, and fidelity mods the R75 is a great AM radio as well.

phil :)

2794. Re: [icomr75] phaser use

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-07 09:19:40 UTC
From: Paulo Ferreira
Topic: 2668 Message: 2794

Nice link about phasers and other things:

http://www.qsl.net/wa1ion/index.html

Greetings

Paulo Ferreira

Paulo Ferreira paf@...

2795. Re: [icomr75] phaser use

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-07 22:45:38 UTC
From: Lew Chapman
Topic: 2668 Message: 2795

Cheers Paulo some great info at this site
Cheers
Lew Chapman
Moana Beach
South Australia

At 09:19 AM 11/7/02 +0000, you wrote:
> Nice link about phasers and other things:
>
> http://www.qsl.net/wa1ion/index.html
>
>
> Greetings
>
> Paulo Ferreira
>
> ----------
> Paulo Ferreira paf@...
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

2796. Re: [icomr75] Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-07 22:55:43 UTC
From: Lew Chapman
Topic: 2732 Message: 2796

This is a great discussion site. I usually weed through the comments & use what ammounts to the useful stuff for my areas of interest. I'm into MW band dxing. trans pacific, asian you name it. We love experimenting with loop antennas, bevvy's Delta loops. but when it came down to what I could afford for a receiver, here in OZ the r75 had no peers. I've done the am attenuation mod, and now use the set, with well balanced & fed antennas to enjoy, may it be limited to some degree, what I enjoy hunting for. I know the phaser will add more excitement to my listening.Cheers to all

Lew Chapman
Moana Beach
South Australia

At 09:01 AM 11/7/02 -0000, you wrote:
> hi Eric:
>
> i know you are a smart guy and personally i've enjoyed these
> discussions. i wish there were more debates on the Palstar and RX-350
> boards where i lurk (hear that guys... i know you lurk here too :p).
> Peter's explaination makes sense. i was not savy enough to piece
> together what was going on but needing 40 dB attenuation in front of
> an R8B, i knew something was awry. i am having a lot of success using
> indoor loops for both MW and SW. i am still a novice in many regards
> (on MW i am a big novice compared to someone like Gert). for LW i
> would probably do the MW attenuator bypass mod and add a LPF to
> attenuate the BCB.
>
> IMO there are a lot of myths surrounding receivers. first, like
> natural selection, all the current tabletops are survivors... they
> all fill a niche. rankings in magazines are subject to opinions.
> specs, features, cost... facts. IMO the best overall performing non-
> professional radio is the 7030+... still more people in our
> hemisphere purchase the R8B with its good performance and ergonomics.
>
> IMO the R75 is a great SSB radio: dynamic range is 103 dB, for $100
>>90 dB of
> ultimate rejection, the front end has 1.6 MHz H/LPFs and 8 bandpass
> filters, the synthesizer [IMO the hardest part of receiver design]
> has phase noise better than the RX-340 and WJ8711. after the sync-AM,
> AM-AGC, and fidelity mods the R75 is a great AM radio as well.
>
> phil :)
>
>
>

>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

2797. Re: [icomr75] Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-07 11:56:01 UTC
From: Eric F. Richards
Topic: 2732 Message: 2797

At 09:01 AM 11/7/2002 +0000, you wrote:
>hi Eric:
>
>i know you are a smart guy and personally i've enjoyed these
>discussions.

That's good, that *someone* out there isn't fed up with me! :-)

Smart? Lots of smart people out there who can't figure their
way out of a wet paper bag at times... but I'll take the compliment
anyway!

>Peter's explaination makes sense. i was not savy enough to piece
>together what was going on but needing 40 dB attenuation in front of
>an R8B, i knew something was awry.

Well, that experiment actually suggested causes other than external
modulation products. There was a *very* sharp cutoff between the
point where the receiver was buried in intermodulation products and
it was operating cleanly. Either 1 dB or 3 dB. The R-75, you may
recall, was much "mushier" in its cleanup, with something like 10-15 dB
between when it "started" to clean up, and when it was completely clean.

As you may recall from my usenet postings, I still need to get out there
with working instruments to make some good measurements. Unfortunately,
the spectrum analyzers I have access to are all HP-141Ts, which are
gawdawful heavy, and a Singer calibrated field strength meter owned by
a friend isn't much different. Like the last time, a test with these
will require some logistical and people coordination. (1 to be crushed
by the '141T, one to call 911 and a crane operator to lift it off...)

> i am having a lot of success using
>indoor loops for both MW and SW. i am still a novice in many regards
>(on MW i am a big novice compared to someone like Gert). for LW i
>would probably do the MW attenuator bypass mod and add a LPF to
>attenuate the BCB.

Yeah, I've used one of Dale's LPFs successfully out there. The
secret, BTW, is to *follow the directions* and fasten it *directly*
to the back of the receiver; no coax jumpers at all.

>IMO there are a lot of myths surrounding receivers. first, like
>natural selection, all the current tabletops are survivors... they
>all fill a niche. rankings in magazines are subject to opinions.
>specs, features, cost... facts.

True. But specs are like statistics -- they can be made to lie, too.
Almost anyone who does testing on receivers -- ARRL, PWBR/IBS, RNW --
has an article going over their testing. ARRL, in particular, points
out when a manufacturer publishes specs measured in a non-standard way.
They raised an eyebrow at the AOR 7030's reported specs, for example.

The other thing is that you have to be careful about what you measure.
Most testing, for obvious reasons, measure dynamic range with two signals
close together -- that's the obvious problem. My situation is more
unique, and therefore is not tested for normally.

> IMO the best overall performing non-
>professional radio is the 7030+... still more people in our
>hemisphere purchase the R8B with its good performance and ergonomics.

...and the R8B is a better deal here than outside the U.S.

>IMO the R75 is a great SSB radio: dynamic range is 103 dB, for $100
>you can get a filter with a shape factor of 1.6 and >90 dB of
>ultimate rejection, the front end has 1.6 MHz H/LPFs and 8 bandpass
>filters, the synthesizer [IMO the hardest part of receiver design]
>has phase noise better than the RX-340 and WJ8711. after the sync-AM,
>AM-AGC, and fidelity mods the R75 is a great AM radio as well.

Don't get me wrong: I do think the R-75 has its high points. Very
good behavior on a lot of fronts, excellent price point, etc, etc...
you've heard me say it before. But great? not in my book. "Great"
is an opinion and a great receiver does what I want it to all the
time, no matter how unreasonable it is. :-) There are receivers I
have -- and would find -- to be "great" but all of them cost a lot
more. To many readers here, that is the bottom line.

>phil :)

Regards,

Eric, the insomniac...

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2798. Fwd: Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-07 11:58:56 UTC
From: Eric F. Richards
Topic: 2798 Message: 2798

This was an exchange between Peter and I that was supposed to
be public but wasn't, by accident.

>X-eGroups-Return: plampione@...
>Date: Wed, 06 Nov 2002 23:21:46 -0000
>From: "plampione" <plampione@...>
>To: "Eric F. Richards" <efricha@...>
>Subject: Re: Dead horses?
>User-Agent: eGroups-EW/0.82
>X-Mailer: Yahoo Groups Message Poster
>X-Originating-IP: 128.114.63.161
>
>--- In icomr75@y..., "Eric F. Richards" <efricha@d...> wrote:
> > At 08:45 AM 11/6/2002 +0000, you wrote:
>
> > [...]
> > I agree and do, believe it or not, understand.
> > [...]
>
>Let me apologize for sounding patronizing.
>It was not my intention - from your posts I thought you were touting
>this as the perfect SW antenna, and I just wanted to alert you that it
>might not be. I am happy to hear that your knowledge of antennas is
>so good (better than mine: I only know the theory of it).
>
>I frankly don't know how resistant to overload my R75 is.
>I was so careful with mine that I bought an antenna
>(Wellbrook ALA 330) which attenuates MW, since I live in
>the SF Bay area; as a result, I don't hear any image from MW.
>
>One thought: since Gert Nilsson suggests that it is very difficult to
>overload his radio, could the MW signal come in from another route
>altogether? From the power supply? Are you running it from your car?
> With how long a cable? Is the car (or its antenna) acting as an
>antenna? But I agree, it should not be so sensitive.
>
>Another thing to try: is there a way in which you can put up
>a simple, say, inverted L antenna? Then, if you still have
>MW intermodulation, it could be likely that the MW is coming in
>through some other path, or by product demodulation.
>On the other hand, if the R75 cleans up, and you get better SW
>reception, it would indicate that you really had a MW overload
>problem.
>
>My main gripe with the R75 is that the standard 6KHz AM filter is not

>very steep. Give me a mod to put a much better (Collins mechanical?)
>filter in, and you would make me happy.
>
>Best,
>
>Peter
>
> > --
> > Eric F. Richards
> > efricha@d...
> > "The weird part is that I can feel productive even when I'm doomed."
> > - Dilbert

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2799. Fwd: Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-07 11:59:08 UTC
From: Eric F. Richards
Topic: 2798 Message: 2799

>Date: Wed, 6 Nov 2002 21:26:37 -0800 (PST)
>From: Peter Lampione <plampione@...>
>Subject: Re: Dead horses?
>To: "Eric F. Richards" <efricha@...>
>
>For some mistake of mine, this was not posted to
>the Yahoo R75 group. If you wish to do so, please do!
>I must have hit the wrong button.
>
>Peter
>
>--- "Eric F. Richards" <efricha@...>
>wrote:
> > >
> > > --- In icomr75@y..., "Eric F. Richards"
> > <efricha@d...> wrote:
> > > > At 08:45 AM 11/6/2002 +0000, you wrote:
> > >
> > > > [...]
> > > > I agree and do, believe it or not, understand.
> > > > [...]
> > >
> > > Let me apologize for sounding patronizing.
> >
> > Don't sweat it... my temper runneth over on this,
> > because it's been
> > a long-time pain in the arse.
> >
> > > It was not my intention - from your posts I
> > thought you were touting
> > > this as the perfect SW antenna, and I just wanted
> > to alert you that it
> > > might not be. I am happy to hear that your
> > knowledge of antennas is
> > > so good (better than mine: I only know the theory
> > of it).
> >
> > I wouldn't go that far, either... I've been told
> > that antenna theory
> > is one of those killer EE subjects tha t weeds out
> > the weak. I
> > certainly am nowhere near someone who has formal
> > education in it!
> >
> > > One thought: since Gert Nilsson suggests that it

> > is very difficult to
> > > overload his radio, could the MW signal come in
> > from another route
> > > altogether? From the power supply? Are you
> > running it from your car?
> > > With how long a cable? Is the car (or its
> > antenna) acting as an
> > > antenna? But I agree, it should not be so
> > sensitive.
> >
> > Pure DC power. I can try to run it from an isolated
> > gel-cell,
> > but it'll be some time before I can get out there --
> > the site
> > is about 30 miles from where I live, and after
> > beating my head
> > against The Device Driver From Hell, I just want to
> > veg out...
> >
> > > Another thing to try: is there a way in which you
> > can put up
> > > a simple, say, inverted L antenna? Then, if you
> > still have
> > > MW intermodulation, it could be likely that the MW
> > is coming in
> > > through some other path, or by product
> > demodulation.
> > > On the other hand, if the R75 cleans up, and you
> > get better SW
> > > reception, it would indicate that you really had a
> > MW overload
> > > problem.
> >
> > That's a possibility. In fact, let me pass on to
> > you and other
> > readers a tip that I won't mention on
> > rec.radio.shortwave because
> > a small antenna maker with a big ego would probably
> > attempt to
> > patent it:
> >
> > For portable antennas, buy test-lead wire -- it
> > doesn't tangle
> > and is extremely flexible. I have such antennas
> > packed with
> > my '75 and my HF-150; the wires connct to a dual-pin
> > plug which
> > has a gas tube across it as well.
> >
> > > My main gripe with the R75 is that the standard

> > 6KHz AM filter is not
> > > very steep. Give me a mod to put a much better
> > (Collins mechanical?)
> > > filter in, and you would make me happy.
> > >
> >
> > Sorry, nothing from this department on that end --
> > ask phil. He
> > keeps talking about putting a supercharger in it,
> > and if he can
> > do that, he can just about do anything to it... :-)
> >
> >
> > --
> > Eric F. Richards
> > efricha@...
> > "The weird part is that I can feel productive even
> > when I'm doomed."
> > - Dilbert
>
>
>_____
>Do you Yahoo!?
>U2 on LAUNCH - Exclusive greatest hits videos
>http://launch.yahoo.com/u2

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2800. Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-07 15:58:58 UTC
From: LarryR
Topic: 2732 Message: 2800

How about a non-linear junction in the car itself?

--- In icomr75@y..., "Eric F. Richards" <efricha@d...> wrote:
> At 10:51 AM 11/7/2002 +0900, you wrote:
> >And a question -
> >how did you power the R75? From a battery, generator or inverter?
>
> Car battery, through a filtered cig ltr plug. Car always turned
off.
>
> Eric
>
>
>
> --
> Eric F. Richards
> efricha@d...
> "The weird part is that I can feel productive even when I'm doomed."
> - Dilbert

2801. Re: "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-07 16:22:54 UTC
From: LarryR
Topic: 2636 Message: 2801

Last night, on a badly fading BBC, I compared S-AM with normal bandwidth, S-AM with narrow (2.4kHz) bandwidth shifted with PBT, S-AM narrow bandwidth de-tuned by 1.2kHz, and ECSS.

normal S-AM had the usual fades into unintelligibility

both narrow methods definitely reduced fading distortion. The PBT method worked as well or better than the de-tuning method and is easier. It seems to me that selective fading is bound to be less of a problem the narrower the bandwidth - the AGC is less likely to be fooled by strong sidebands overpowering a weak carrier.

I did not think to switch S-AM to AM with narrow filtering to see if synchronous matters. That's an obvious ommission I will try that tonight.

ECSS was by far better than the other methods. Much less distortion, and it allows me to use my 3.3kHz SSB filter. Even with Expanded Filters ON, I cannot select the 3.3kHz filter in AM.

--- In icomr75@y..., Bruce Jensen <bpnjensen@y...> wrote:
> Hi, Phil - I do this same thing, but with the PBT. Works great!
>
> BJ
> **
> --- just_rtfm <just_rtfm@y...> wrote:
> > howdy Bruce!
> >
> > although the R75 has no single button or phasing capability, a single
> > sideband can be selected during SAM. engage SAM and the dual 2.4-kHz
> > filters and detune (+) 1.2-kHz for USB or (-) 1.2-kHz for LSB. this
> > filter method (also used during SSB) is extremely effective at
> > adjacent channel rejection. detuning places the window of incoming
> > bandwidth overtop the carrier and one sideband... the other sideband
> > is chopped off by the filter. the carrier is so strong [with ~2/3 of
> > the power being dumped here] that Motorola's AM Stereo chip can still
> > maintain lock.
> >
> > find a station with one sided interference: ex. 2010 kHz USB has

> > noise. switch to SAM and 2.4-kHz filters, detune to 2008.8 kHz
(LSB
> > component) and the noise will be attenuated. this also works with
the
> > 6 kHz filter (although it is asymmetric)... just tune away from
the
> > noise checking to make sure lock is maintained: keep the 'S-' in
SAM
> > from blinking. [note: 'SAM SW' must be set to 'En' in the setup
mode].
> >
> > phil :)
> >
> >
> >
> >
>
>
> =====
> Cheers,
> Bruce Jensen
> ~~~~~~~~~~~~
> The Astronomy Connection http://observers.org/
> Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
> ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio
>
> _____
> Do you Yahoo!?
> HotJobs - Search new jobs daily now
> http://hotjobs.yahoo.com/

2802. why 2 pre-amp stages?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-07 17:47:16 UTC
From: dukeofbecker
Topic: 2802 Message: 2802

I'm a newbie to this group, and I plan to buy a r-75 soon....I'm about to take the plunge into more serious listenting, so please be kind!

I wonder about the two pre-amp stages...How does this feature work? What is the purpose of this feature?

I guess you can pick optional and separate filters for each stage, depending on your listening needs. I know how and why wider/narrower filters change signal quality, but how do you determine which stage to put them on?

I'm confused....

2803. Re: [icomr75] Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-07 18:52:35 UTC
From: efricha@dimensional.com
Topic: 2732 Message: 2803

>
> How about a non-linear junction in the car itself?
>

Certainly possile, bug the problem has been observed in more than
one car and outside of a car as well, so despite the multiple
opportunities for there to be problems introduced by car junctions,
it doesn't seem, on the whole, to be likely.

Eric

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2804. (no subject)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-07 23:38:22 UTC
From: Chris Love
Topic: 2804 Message: 2804

When life hands you lemons... Ask for a bottle of Tequila & some Salt

Chris Love C.Ht.

(603) 623-5614

hypnotherapist@...

[Non-text portions of this message have been removed]

2805. New file posted - ARRL measurements of R75 specs

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-08 03:59:54 UTC
From: payman_a
Topic: 2805 Message: 2805

I have uploaded a small PDF file containing ARRL Lab measurements for the R75, as it appeared in the January 2000 issue of QST. Look for it in the "Information" Folder.

payman

2806. Re: New file posted - ARRL measurements of R75 specs

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-08 05:17:34 UTC
From: just_rtfm
Topic: 2805 Message: 2806

thanks payman!

phil :)

ps has everyone noticed how low we are on server room... will yahoo
give us more?

2807. Re: "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-08 05:25:42 UTC
From: just_rtfm
Topic: 2636 Message: 2807

> the AGC is less likely to be fooled by strong
> sidebands overpowering a weak carrier.

Larry, i believe you're right. ECSS nukes fading because the strong internally generated BFO replaces the carrier. note: you may want to also experiment with turning the AGC off.

> Even with Expanded Filters ON, I cannot
> select the 3.3kHz filter in AM.

i believe you should be able to select this for AM but not SAM. please try this: select AM [NOT SAM, see below]... depress 'FIL' 2 seconds... check EXP is 'oN' and set oP1 to '257'... select 15 kHz and 3.3 kHz for narrow... press 'FIL' to exit.

i believe ICOM's algorithm will NOT let you select 3.3 kHz if you enter the filter selection routine in the SAM mode! switch to plain AM and then try adding the 3.3 kHz filter.

phil :)

2808. Re: New file posted - ARRL measurements of R75 specs

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-08 05:34:12 UTC
From: payman_a
Topic: 2805 Message: 2808

My pleasure. If I get the time I will post comparative figures from
the JRC NRD-545, RX-320, and Palstar R30 too (all ARRL measurements).
It seems like ARRL never tested the Drake R8B.

payman

--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> thanks payman!
>
> phil :)
>
> ps has everyone noticed how low we are on server room... will yahoo
> give us more?

2809. Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-08 05:52:36 UTC
From: just_rtfm
Topic: 2732 Message: 2809

> Smart? Lots of smart people out there who can't figure their
> way out of a wet paper bag at times... but I'll take the compliment
> anyway!

yes, i meant as a compliment. what i was trying to convey is that discussing your antenna problem is fun and it really is unimportant who is right or wrong... we all get to learn. regarding your "wet paper bag" comment hehe: my observation is that people who attend class and study 24-7 never learn anything else... a roommate i had in school did not know he had to put oil in his car ("it was only 3 quarts low"), or how to fix a toilet (how conveeeeenient!), or hang a picture on the wall ("no, scotch tape is not the answer"), or or or... classic "egghead"... giving the rest of us a bad rap.

phil :)

2810. Re: New file posted - ARRL measurements of R75 specs

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-08 05:53:42 UTC
From: just_rtfm
Topic: 2805 Message: 2810

> If I get the time I will post comparative figures from
> the JRC NRD-545, RX-320, and Palstar R30 too

awesome!

phil :)

2811. Fwd: Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-08 06:54:16 UTC
From: just_rtfm
Topic: 2798 Message: 2811

> > > My main gripe with the R75 is that the standard
> > > 6KHz AM filter is not very steep.

Peter, what is the reason for wanting the steep filter? the reason i ask is that often using SAM and detuning (or PBT as Bruce pointed out) [as an aside my tests show the BPT is +/- 1.3 kHz] will get rid of lots of adjacent interference. if you want a steeper filter for use under AM just follow my AM filter mod; however, this will not work under SAM. another option for AM/SAM is the 2.1 kHz filter from InRad for the 9 MHz IF... shape factor is 1.6... only $100. you could replace the standard 6 kHz AM filter but it is a desoldering nightmare IMO. the best option may be to learn from my mistakes...

this brings me to important lessons i have learned: attenuator, pre-amp, and RF gain settings are critical to filter efficacy. feed your filters weak signals so they can do their job. with enough amplification you can even get blow-by wherein the ultimate rejection of the filter (say -70 dB) is still too little to stop noise. the goal is to reduce the gain (and shift the PBT/detune) so that the signal passes but the noise does not because it is too weak.

sounds simple but have you ever tuned to a strong station and everything seems great... 5 minutes later you notice some noise. you get annoyed only to find that just kicking in the attenuator is enough to kill the noise completely... even if it is on the same frequency. what else can we do? lay off the pre-amps... and reduce the RF gain... even if this means odd s-meter readings or having to crank up the volume (AF). the RF gain is not a volume control! the RF gain is very important to the functioning of all the filters. we do the mods and then we forget we have an RF gain or that we can shut it off.

using the 2.4 kHz 9 MHz filter (aka narrow, this is a good filter with ~1.70 shape!) on SAM with the above tips does wonders. less bandwidth means less noise... if things are bad all we need is the low frequency audio to understand voice. realize that you can often go further than the PBT and remain in sync while using SAM by just detuning. i detune 1.2 kHz and then use the PBT for cleanup. detuning can even be used with the 6 kHz filter engaged if one side is clean.

IMO i learn best by purposely finding stations that sound bad and practicing or by testing techniques on a very strong station just to see their effect. this way when i want to hear something important i already know my options.

phil :)

2812. Re: New file posted - ARRL measurements of R75 specs

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-08 13:16:08 UTC
From: craigm55901
Topic: 2805 Message: 2812

--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> thanks payman!
>
> phil :)
>
> ps has everyone noticed how low we are on server room... will yahoo
> give us more?

Perhaps we could manage the space better.

For example, 25% of the space is used by TWO copies of the same audio file.

Also, we have 30 MB of space for photos, mostly unused. All the pictures in the files section could be moved to the photo section.

There are also many duplicate files. A little housecleaning may go a long way.

I believe this has to be done by the original poster or the moderator.

Craig

2813. Re: [icomr75] Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-08 13:47:09 UTC
From: Eric F. Richards
Topic: 2732 Message: 2813

At 05:52 AM 11/8/2002 +0000, you wrote:
> > Smart? Lots of smart people out there who can't figure their
> > way out of a wet paper bag at times... but I'll take the compliment
> > anyway!
>
>yes, i meant as a compliment.

I know. :-) It's just that being smart doesn't give you the answers.

> what i was trying to convey is that
>discussing your antenna problem is fun and it really is unimportant
>who is right or wrong... we all get to learn.

The poor guy who started this thread with an implicit "Shaddap, already"
must be having blood pressure problems at this point!

> regarding your "wet
>paper bag" comment hehe: my observation is that people who attend
>class and study 24-7 never learn anything else... a roommate i had in
>school did not know he had to put oil in his car ("it was only 3
>quarts low"), or how to fix a toilet (how conveeeeenient!), or hang a
>picture on the wall ("no, scotch tape is not the answer"), or or
>or... classic "egghead"... giving the rest of us a bad rap.

Been there, seen that, even done that occasionally, although I at least
had the grace to kick myself for my own stupidity those times... :-0

>phil :)

Eric

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

2814. Re: [icomr75] Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-08 14:00:15 UTC
From: John Pickrell
Topic: 2732 Message: 2814

Naw-he's not having blood pressure problems.

Technical discussions we all learn something from. Whining about a bad review of the R75, merited or not, nobody learns from.

John P.
----- Original Message -----
From: Eric F. Richards
To: icomr75@yahoogroups.com
Sent: Friday, November 08, 2002 8:47 AM
Subject: Re: [icomr75] Re: Dead horses?

At 05:52 AM 11/8/2002 +0000, you wrote:
> > Smart? Lots of smart people out there who can't figure their
> > way out of a wet paper bag at times... but I'll take the compliment
> > anyway!
>
>yes, i meant as a compliment.

I know. :-) It's just that being smart doesn't give you the answers.

> what i was trying to convey is that
>discussing your antenna problem is fun and it really is unimportant
>who is right or wrong... we all get to learn.

The poor guy who started this thread with an implicit "Shaddap, already"
must be having blood pressure problems at this point!

> regarding your "wet
>paper bag" comment hehe: my observation is that people who attend
>class and study 24-7 never learn anything else... a roommate i had in
>school did not know he had to put oil in his car ("it was only 3
>quarts low"), or how to fix a toilet (how conveeeeenient!), or hang a
>picture on the wall ("no, scotch tape is not the answer"), or or
>or... classic "egghead"... giving the rest of us a bad rap.

Been there, seen that, even done that occasionally, although I at least
had the grace to kick myself for my own stupidity those times... :-0

>phil :)

Eric

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert

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[Non-text portions of this message have been removed]

2815. Re: Passive Outdoor Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-08 17:27:16 UTC
From: northtexas3
Topic: 2647 Message: 2815

I've had pretty good results with a Alpha Delta DX-SWL Sloper - 40ft version which you can get fron Universal for $69. Since I live in Texas and have a one story house, I connected one end near the roof drain about 14'high and the other end to the top of my 6' fence at the back of the yard running north to south. Since the antenna runs parallel with my fence it never gets in the way. Even though it's below the recommended 20'-25'height at the high end it still works quite well with very low noise but maybe that's because it's grounded. I've tried several indoor and ourdoor antennas both passive and active but this one has given me the best reception.

2816. Re: Passive Outdoor Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-08 20:38:17 UTC
From: LarryR
Topic: 2647 Message: 2816

I have one too and have also had good results. It is a multi-band antenna, and has a low angle of reception for good DX. I hauled the feed end about 20 feet up into a pine tree, and attached the other end to another tree with a weight and pulley arrangement so it will stay tight without breaking when the trees sway. I chose the pine tree because it doesn't have much in the way of limbs up there - you could also attach it to a chimney or the gable of your house - it two stories that gets you the ideal 25 foot height.

There is a longer one that goes down to 160m, but this one goes down only to 90m. That's an advantage if you want to attenuate local AM broadcasters, which this antenna definitely does. You would not want this antenna for MW DX.

--- In icomr75@y..., "northtexas3" <rafleck3@a...> wrote:
> I've had pretty good results with a Alpha Delta DX-SWL Sloper -
40ft
> version which you can get fron Universal for $69. Since I live in
> Texas and have a one story house, I connected one end near the roof
> drain about 14'high and the other end to the top of my 6' fence at
> the back of the yard running north to south. Since the antenna runs
> parallel with my fence it never gets in the way. Even though it's
> below the recommended 20'-25'height at the high end it still works
> quite well with very low noise but maybe that's because it's
> grounded. I've tried several indoor and ourdoor antennas both
passive
> and active but this one has given me the best reception.

2817. Re: [icomr75] Re: Passive Outdoor Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-09 02:20:00 UTC
From: Moxie3
Topic: 2647 Message: 2817

Larry,
Did you install your sloper horizontally? I thought it required a certain
angle.
George
----- Original Message -----
From: "LarryR" <nospam4russell@...>
To: <icomr75@yahoogroups.com>
Sent: Friday, November 08, 2002 2:38 PM
Subject: [icomr75] Re: Passive Outdoor Antenna

> I have one too and have also had good results. It is a multi-band
> antenna, and has a low angle of reception for good DX. I hauled the
> feed end about 20 feet up into a pine tree, and attached the other
> end to another tree with a weight and pulley arrangement so it will
> stay tight without breaking when the trees sway. I chose the pine
> tree because it doesn't have much in the way of limbs up there - you
> could also attach it to a chimney or the gable of your house - it two
> stories that gets you the ideal 25 foot height.
>
> There is a longer one that goes down to 160m, but this one goes down
> only to 90m. That's an advantage if you want to attenuate local AM
> broadcasters, which this antenna definitely does. You would not want
> this antenna for MW DX.
>
>
> --- In icomr75@y..., "northtexas3" <rafleck3@a...> wrote:
> > I've had pretty good results with a Alpha Delta DX-SWL Sloper -
> 40ft
> > > version which you can get fron Universal for $69. Since I live in
> > > Texas and have a one story house, I connected one end near the roof
> > > drain about 14'high and the other end to the top of my 6' fence at
> > > the back of the yard running north to south. Since the antenna runs
> > > parallel with my fence it never gets in the way. Even though it's
> > > below the recommended 20'-25'height at the high end it still works
> > > quite well with very low noise but maybe that's because it's
> > > grounded. I've tried several indoor and ourdoor antennas both
> passive
> > > and active but this one has given me the best reception.
>
>
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>

2818. Re: Passive Outdoor Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-09 02:29:01 UTC
From: LarryR
Topic: 2647 Message: 2818

George,

No, it's not horizontal. The feed end is 20+ feet high and the other end is a little less than 10 feet, consistent with the instructions. The exact angle is not supposed to be critical. Most antennas want to be horizontal and sloping is a compromise. The nice thing about this one is that it wants to be sloped, which makes installation easier.

Larry
--- In icomr75@y..., "Moxie3" <moxie3@e...> wrote:
> Larry,
> Did you install your sloper horizontally? I thought it required a certain
> angle.
> George
> ----- Original Message -----
> From: "LarryR" <nospam4russell@c...>
> To: <icomr75@y...>
> Sent: Friday, November 08, 2002 2:38 PM
> Subject: [icomr75] Re: Passive Outdoor Antenna
>
>
> > I have one too and have also had good results. It is a multi-band
> > antenna, and has a low angle of reception for good DX. I hauled the
> > feed end about 20 feet up into a pine tree, and attached the other
> > end to another tree with a weight and pulley arrangement so it will
> > stay tight without breaking when the trees sway. I chose the pine
> > tree because it doesn't have much in the way of limbs up there - you
> > could also attach it to a chimney or the gable of your house - it two
> > stories that gets you the ideal 25 foot height.
> >
> > There is a longer one that goes down to 160m, but this one goes down
> > only to 90m. That's an advantage if you want to attenuate local AM
> > broadcasters, which this antenna definitely does. You would not want
> > this antenna for MW DX.
> >

> >
> > --- In icomr75@y..., "northtexas3" <rafleck3@a...> wrote:
> > > I've had pretty good results with a Alpha Delta DX-SWL Sloper -
> > 40ft
> > > version which you can get fron Universal for $69. Since I live
in
> > > Texas and have a one story house, I connected one end near the
roof
> > > drain about 14'high and the other end to the top of my 6'
fence at
> > > the back of the yard running north to south. Since the antenna
runs
> > > parallel with my fence it never gets in the way. Even though
it's
> > > below the recommended 20'-25'height at the high end it still
works
> > > quite well with very low noise but maybe that's because it's
> > > grounded. I've tried several indoor and ourdoor antennas both
> > passive
> > > and active but this one has given me the best reception.
> >
> >
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> >

2819. Re: "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-09 02:39:44 UTC
From: LarryR
Topic: 2636 Message: 2819

OK, same experiment tonight, Radio Prague this time. Going to narrow AM definitely reduces fading distortion, as discussed below. But S-AM vs AM makes no difference to my ear, narrow bandwidth or otherwise, detuned/shifted or not. I'll stick with ECSS.

--- In icomr75@y..., "LarryR" <nospam4russell@c...> wrote:
> Last night, on a badly fading BBC, I compared S-AM with normal
> bandwidth, S-AM with narrow (2.4kHz) bandwidth shifted with PBT, S-AM
> narrow bandwidth de-tuned by 1.2kHz, and ECSS.
>
> normal S-AM had the usual fades into unintelligibility
>
> both narrow methods definitely reduced fading distortion. The PBT
> method worked as well or better than the de-tuning method and is
> easier. It seems to me that selective fading is bound to be less of a
> problem the narrower the bandwidth - the AGC is less likely to be
> fooled by strong sidebands overpowering a weak carrier.
>
> I did not think to switch S-AM to AM with narrow filtering to see if
> synchronous matters. That's an obvious ommission I will try that
> tonight.
>
> ECSS was by far better than the other methods. Much less distortion,
> and it allows me to use my 3.3kHz SSB filter. Even with Expanded
> Filters ON, I cannot select the 3.3kHz filter in AM.
>
>
>
>
> --- In icomr75@y..., Bruce Jensen <bpnjensen@y...> wrote:
> > Hi, Phil - I do this same thing, but with the PBT. Works great!
> >
> > BJ
> > **
> > --- just_rtfm <just_rtfm@y...> wrote:
> > > howdy Bruce!
> > >
> > > although the R75 has no single button or phasing capability, a
> single
> > > sideband can be selected during SAM. engage SAM and the dual 2.4-

> kHz
> > > filters and detune (+) 1.2-kHz for USB or (-) 1.2-kHz for LSB.
> this
> > > filter method (also used during SSB) is extremely effective at
> > > adjacent channel rejection. detuning places the window of
> incoming
> > > bandwidth overtop the carrier and one sideband... the other
> sideband
> > > is chopped off by the filter. the carrier is so strong [with
~2/3
> of
> > > the power being dumped here] that Motorola's AM Stereo chip
can
> still
> > > maintain lock.
> > >
> > > find a station with one sided interference: ex. 2010 kHz USB
has
> > > noise. switch to SAM and 2.4-kHz filters, detune to 2008.8 kHz
> (LSB
> > > component) and the noise will be attenuated. this also works
with
> the
> > > 6 kHz filter (although it is asymmetric)... just tune away
from
> the
> > > noise checking to make sure lock is maintained: keep the 'S-'
in
> SAM
> > > from blinking. [note: 'SAM SW' must be set to 'En' in the
setup
> mode].
> > >
> > > phil :)
> > >
> > >
> > >
> > >
> >
> >
> > =====
> > Cheers,
> > Bruce Jensen
> > ~~~~~~~~~~~~
> > The Astronomy Connection http://observers.org/
> > Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
> > ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio
> >
> > _____
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> > http://hotjobs.yahoo.com/

2820. Antenna 1 or 2?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-09 03:23:58 UTC
From: Lloyd
Topic: 2820 Message: 2820

I just recently moved and had to re-run my antenna wire. I have a long wire about 25ft run out the window of my bedroom and ran along across the lentgh of my back patio from the top of both sides.

My question is, Should I use the antenna 1 or 2 input? I'm currently using the number 2 - the one with red prong on the back.

On another note, I noticed at the new apartment, that there is not as much RFI and EMI noise on the bands. This is very good!

--
Lloyd Davies - N0VFP
God created only so many perfect heads...
the rest he covered with hair !
ICOM R-75 Hallicrafters S-120
Radio Shack Dx-398/ATS-909/DX-440/DX-100
Pro-92 Pro 2050 - ADI HT-204 FT-470
http://clik.to/n0vfp

2821. Re: "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-09 03:44:18 UTC
From: just_rtfm
Topic: 2636 Message: 2821

hi Larry:

i agree: to reduce fading ECSS works best. i can tell the difference between SAM and AM because i did that mod (and 4 others). Passport was fair: ECSS was so good it carried the unit; however, it's just a few mods away from great AM as well.

phil :)

2822. Fwd: Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-09 06:50:27 UTC
From: ptrlmpn
Topic: 2798 Message: 2822

Dear Phil,

thank for your many good suggestions...

Well, I have a Palstar with 6KHz Collins mechanical filter,
and that filter spoiled me.
With the Collins filter, if there is a STRONG station, it is
gone after you detune about 4KHz. This means, in particular,
that if a weak and a strong station are 10 KHz apart,
the strong station does not influence at all the weaker one.
The 6 KHz filter of the R75 is much wider, I still hear a station
very well after I detune 5KHz.
Now, of course I can use on the R75 a number of tricks to still
receive the station, but the question is: why do I have to do
that? Couldn't ICOM sell as an option a better 6 KHz filter?
The 3.3 KHz, for instance, is much better.

Peter

--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> > > > My main gripe with the R75 is that the standard
> > > > 6KHz AM filter is not very steep.
>
> Peter, what is the reason for wanting the steep filter? the reason i
> ask is that often using SAM and detuning (or PBT as Bruce pointed
> out) [as an aside my tests show the BPT is +/- 1.3 kHz] will get rid
> of lots of adjacent interference. if you want a steeper filter for
> use under AM just follow my AM filter mod; however, this will not
> work under SAM. another option for AM/SAM is the 2.1 kHz filter from
> InRad for the 9 MHz IF... shape factor is 1.6... only $100. you could
> replace the standard 6 kHz AM filter but it is a desoldering
> nightmare IMO. the best option may be to learn from my mistakes...
>
> this brings me to important lessons i have learned: attenuator, pre-
> amp, and RF gain settings are critical to filter efficacy. feed your
> filters weak signals so they can do their job. with enough
> amplification you can even get blow-by wherein the ultimate rejection
> of the filter (say -70 dB) is still too little to stop noise. the
> goal is to reduce the gain (and shift the PBT/detune) so that the
> signal passes but the noise does not because it is too weak.
>
> sounds simple but have you ever tuned to a strong station and
> everything seems great... 5 minutes later you notice some noise. you
> get annoyed only to find that just kicking in the attenuator is
> enough to kill the noise completely... even if it is on the same
> frequency. what else can we do? lay off the pre-amps... and reduce

> the RF gain... even if this means odd s-meter readings or having to
> crank up the volume (AF). the RF gain is not a volume control! the RF
> gain is very important to the functioning of all the filters. we do
> the mods and then we forget we have an RF gain or that we can shut it
> off.
>
> using the 2.4 kHz 9 MHz filter (aka narrow, this is a good filter
> with ~1.70 shape!) on SAM with the above tips does wonders. less
> bandwidth means less noise... if things are bad all we need is the
> low frequency audio to understand voice. realize that you can often
> go further than the PBT and remain in sync while using SAM by just
> detuning. i detune 1.2 kHz and then use the PBT for cleanup. detuning
> can even be used with the 6 kHz filter engaged if one side is clean.
>
> IMO i learn best by purposely finding stations that sound bad and
> practicing or by testing techniques on a very strong station just to
> see their effect. this way when i want to hear something important i
> already know my options.
>
> phil :)

2823. Only gripe about R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-09 06:58:14 UTC
From: ptrlmpn
Topic: 2823 Message: 2823

I have only one complaint about my R75; a problem for which I
have found no solution so far.

Sometimes there is a weak station wedged between very strong stations.
Using the excellent 2.3, 2.8, or 3.3 KHz filters, I usually can
cut out without too many problems the strong stations.
But the problem is that the AGC is sensitive to a wider amount of
spectrum than what goes through the filters (perhaps because the
AGC measures signal strength also before the last filter).
Hence, the AGC senses the very strong signals, and sets
amplification low.
The result is a high reading of the S-meter (sometimes S20 or so),
and a silent audio.

Let me repeat: the problem is NOT that I hear interference from
neighbouring stations; the problem is that the neighbouring stations
swamp the AGC even though they are filtered out eventually.

Has anyone else noticed this problem? It is not very common, in
all fairness, but you notice it once you know what to look for:
high S-meter reading, and no (or very very low) audio.

Best,

Peter

2824. Fwd: Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-09 08:12:59 UTC
From: just_rtfm
Topic: 2798 Message: 2824

howdy Peter!

i can see why you like the collins filter. IMO ICOM should have done plenty of things differently. they could have used high quality ceramic filters. FM (c 15 kHz filter) ends up a liability.

phil :)

2825. Re: New file posted - ARRL measurements of R75 specs

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-09 09:01:16 UTC
From: just_rtfm
Topic: 2805 Message: 2825

> Perhaps we could manage the space better.

good idea Craig... hopefully i can transfer my pictures over to clear
up ~.25 MB... i tried once but yahoo was giving me an error.

phil :)

2826. Re: Only gripe about R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-09 10:06:21 UTC
From: just_rtfm
Topic: 2823 Message: 2826

hi Peter:

interesting... does turning the AGC OFF and setting manually help? just so i am not making assumptions: are you using SSB? also have you done the AM AGC mod? according to the schematics the AGC is getting its level after all filter processing, just before the SSB BFO. please compare the volume on AM versus SSB and report (under the conditions you mentioned). try also without the pre-amps on or with the attenuator and note findings.

my ECSS 'volume' mod is a misnomer, it is actually a mixer gain mod... the mixer is the one at the SSB BFO mentioned above. what i believe could be effecting the AGC is an AM signal's strong carrier [~2/3 of power is here]. when receiving for example a ham on LSB all is well (by design) but using the radio to tune AM stations via ECSS... you sometimes get low volume. the problem is that raising the volume control is not always effective as i believe the signal sent to the pre-amp is too low. in the AM mode everything is loud because the Motorola chip is capable of up to 17 dB (my calulations) of its own gain! after my mod ECSS volume will more closely approximate that of AM volume. it is not without some minor drawbacks as discussed in my pdf. FWIW i rarely use ECSS now that i've done the AM mods... the way i set up my mod it can be negated by simply turning a variable trimmer resistor (a switch could also be used). my idea was to boost the signal beyond the 'reach' of the AGC [as with Motorola's chip] so even if it remains low the signal will be bumped up before the pre-amp.

phil :)

2827. Re: [icomr75] Fwd: Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-09 10:19:06 UTC
From: Gert Nilsson
Topic: 2798 Message: 2827

ICOM has a better 6 kHz filter for the 9MHz IF. I think it is called FL102. It is a direct drop in for the first IF. Nice choice if AM is what you prefer.

By the way: The 6 kHz filter in the R75 measures about 7,5 kHz at its 6 dB points.
----- Original Message -----
From: ptrlmpn
To: icomr75@yahoogroups.com
Sent: Saturday, November 09, 2002 6:50 AM
Subject: [icomr75] Fwd: Re: Dead horses?

Dear Phil,

thank for your many good suggestions...

Well, I have a Palstar with 6KHz Collins mechanical filter,
and that filter spoiled me.
With the Collins filter, if there is a STRONG station, it is
gone after you detune about 4KHz. This means, in particular,
that if a weak and a strong station are 10 KHz apart,
the strong station does not influence at all the weaker one.
The 6 KHz filter of the R75 is much wider, I still hear a station
very well after I detune 5KHz.
Now, of course I can use on the R75 a number of tricks to still
receive the station, but the question is: why do I have to do
that? Couldn't ICOM sell as an option a better 6 KHz filter?
The 3.3 KHz, for instance, is much better.

Peter

--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> > > > My main gripe with the R75 is that the standard
> > > > 6KHz AM filter is not very steep.
>
> Peter, what is the reason for wanting the steep filter? the reason i
> ask is that often using SAM and detuning (or PBT as Bruce pointed
> out) [as an aside my tests show the BPT is +/- 1.3 kHz] will get rid
> of lots of adjacent interference. if you want a steeper filter for
> use under AM just follow my AM filter mod; however, this will not
> work under SAM. another option for AM/SAM is the 2.1 kHz filter from
> InRad for the 9 MHz IF... shape factor is 1.6... only $100. you could
> replace the standard 6 kHz AM filter but it is a desoldering
> nightmare IMO. the best option may be to learn from my mistakes...
>
> this brings me to important lessons i have learned: attenuator, pre-
> amp, and RF gain settings are critical to filter efficacy. feed your
> filters weak signals so they can do their job. with enough

> amplification you can even get blow-by wherein the ultimate rejection
> of the filter (say -70 dB) is still too little to stop noise. the
> goal is to reduce the gain (and shift the PBT/detune) so that the
> signal passes but the noise does not because it is too weak.
>
> sounds simple but have you ever tuned to a strong station and
> everything seems great... 5 minutes later you notice some noise. you
> get annoyed only to find that just kicking in the attenuator is
> enough to kill the noise completely... even if it is on the same
> frequency. what else can we do? lay off the pre-amps... and reduce
> the RF gain... even if this means odd s-meter readings or having to
> crank up the volume (AF). the RF gain is not a volume control! the RF
> gain is very important to the functioning of all the filters. we do
> the mods and then we forget we have an RF gain or that we can shut it
> off.
>
> using the 2.4 kHz 9 MHz filter (aka narrow, this is a good filter
> with ~1.70 shape!) on SAM with the above tips does wonders. less
> bandwidth means less noise... if things are bad all we need is the
> low frequency audio to understand voice. realize that you can often
> go further than the PBT and remain in sync while using SAM by just
> detuning. i detune 1.2 kHz and then use the PBT for cleanup. detuning
> can even be used with the 6 kHz filter engaged if one side is clean.
>
> IMO i learn best by purposely finding stations that sound bad and
> practicing or by testing techniques on a very strong station just to
> see their effect. this way when i want to hear something important i
> already know my options.
>
> phil :)

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[Non-text portions of this message have been removed]

2828. RE: [icomr75] Antenna 1 or 2?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-09 15:31:28 UTC
From: Enrique A. Wembagher
Topic: 2820 Message: 2828

Lloyd,

ANT1: it is for antennas with feeding of coaxial cable: RG58 /50 ohms

ANT2: it is for longwires with feeding of common cable /300 or more ohms.

Enrique

> -----Mensaje original-----
> De: Lloyd [mailto:lloyd_vfp@...]
> Enviado el: S?bado, 09 de Noviembre de 2002 00:24
> Para: icomr75@yahoogroups.com
> Asunto: [icomr75] Antenna 1 or 2?
>
>
> I just recently moved and had to re-run my antenna wire. I have a
> long wire about 25ft run out the window of my bedroom and ran along
> across the lentgh of my back patio from the top of both sides.
>
> My question is, Should I use the antenna 1 or 2 input? I'm currently
> using the number 2 - the one with red prong on the back.
>
> On another note, I noticed at the new apartment, that there is not
> as much RFI and EMI noise on the bands. This is very good!
>
> --
> Lloyd Davies - N0VFP
> God created only so many perfect heads...
> the rest he covered with hair !
> ICOM R-75 Hallicrafters S-120
> Radio Shack Dx-398/ATS-909/DX-440/DX-100
> Pro-92 Pro 2050 - ADI HT-204 FT-470
> http://clik.to/n0vfp
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

2829. Re: "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-09 15:31:19 UTC
From: LarryR
Topic: 2636 Message: 2829

Phil,

Right.

I think the original question, in various flavors, was "How can ICOM pass a 'red face test' claiming the R75 has S-AM?" or "Under what conditions does an un-modified derive benefit from S-AM?" or "Do we just not know how to use S-AM because if it really doesn't work why doesn't ICOM spend 10 cents to fix it?" This last experiment confirms the hypothesis that the only thing that *consistently* and unarguably makes S-AM work is to modify the radio.

Larry

--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> hi Larry:
>
> i agree: to reduce fading ECSS works best. i can tell the
difference
> between SAM and AM because i did that mod (and 4 others). Passport
> was fair: ECSS was so good it carried the unit; however, it's just
a
> few mods away from great AM as well.
>
> phil :)

2830. Re: "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-09 19:54:52 UTC
From: ic0mr75
Topic: 2636 Message: 2830

It would be great if someone from Icom read and contributed to the group to answer these questions. I belong to other groups that concern a specific product, and either tech people or representatives answer questions on a daily basis.

--- In icomr75@y..., "LarryR" <nospam4russell@c...> wrote:
> Phil,
>
> Right.
>
> I think the original question, in various flavors, was "How can ICOM
> pass a 'red face test' claiming the R75 has S-AM?" or "Under what
> conditions does an un-modified derive benefit from S-AM?" or "Do we
> just not know how to use S-AM because if it really doesn't work why
> doesn't ICOM spend 10 cents to fix it?" This last experiment
> confirms the hypothesis that the only thing that *consistently* and
> unarguably makes S-AM work is to modify the radio.
>
> Larry
>
>
> --- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> > hi Larry:
> >
> > i agree: to reduce fading ECSS works best. i can tell the
> difference
> > between SAM and AM because i did that mod (and 4 others).
Passport
> > was fair: ECSS was so good it carried the unit; however, it's
just
> a
> > few mods away from great AM as well.
> >
> > phil :)

2831. Looking for interesting frequencies

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-09 20:33:41 UTC
From: Jim
Topic: 2831 Message: 2831

I have recently gotten interested in what goes on outside the ham bands (I have been a ham for 20 years). I am not interested in any digital modes but thought maybe you folks could give me some active SSB frequencies. I don't mean ranges of frequencies, I mean "specific" frequencies that are interesting and can be heard here in Southwest Arizona. Any ideas to keep me busy??? Thanks and 73, Jim

2832. Re: [icomr75] Looking for interesting frequencies

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-09 22:11:08 UTC
From: Marv Loopstra
Topic: 2831 Message: 2832

Hello Jim,
Give these a try: (all are upper SB)
11.175, 8992 USAF Global HF
8.983 USCG (west coast)
5643, 5547, 5574, 8843, 8951, 10048, 10057, 11282, 13354, 13288, 21925
Major World Aeronautical Route (HF air traffic between west coast and
hawaii/far east)

Marv
Sacramento

2833. Fwd: Re: Dead horses?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-09 22:34:28 UTC
From: just_rtfm
Topic: 2798 Message: 2833

> ICOM has a better 6 kHz filter for the 9MHz IF.

great idea Gert.

phil :)

2834. Re: "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-09 22:41:07 UTC
From: payman_a
Topic: 2636 Message: 2834

--- In icomr75@y..., "ic0mr75" <219@b...> wrote:
> It would be great if someone from Icom read and contributed to the
> group to answer these questions. I belong to other groups that
> concern a specific product, and either tech people or
> representatives answer questions on a daily basis.

This appeared a while back in rec.radio.shortwave (and there is an 80-article thread on it).

payman

From: Ali N. (alins@...)
Subject: ICOM R75 Synchronous AM - Reply from Tech Support
Newsgroups: rec.radio.shortwave
Date: 2002-06-10 14:19:46 PST

... Just thought people might be interested on the 'official' answer from ICOM on the synchronous detector in the IC-R75.

I don't have an R-75 and my guess would be that fine tuning ECSS would still be possible on this receiver even without a working Synch detector ...

Here is essentially what I wrote to them:

"... Many reviews on the web (rec.radio.shortwave, ehamnet.net), including the one below by Radio Netherlands, claim that the synchronous AM mode on this receiver is effectively nonfunctional (lack of selectable sideband).

Is this true, and if so, is ICOM in the process of rectifying this? Is there a timeline for correcting this (if true)?"

Reply from ICOM Tech Support:

"The SD works the way such a system is supposed to work. It is true that some have critized this system however it is basically the same system used in many median priced radios on the market. there is no change planned at this time."

Ali

2835. Re: "Passport" still faults R75 S-AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-09 23:58:02 UTC
From: just_rtfm
Topic: 2636 Message: 2835

hi Larry:

i will make no excuses for ICOM: they could fix this radio with minor changes. IMO ICOM wanted to say the unit has SAM as a feature... the radio is loaded with features and they must feel this is important to driving sales. in theory the R75 has SAM but in its stock form it has little or no effect... why? we can look to Dr. Rado's mods. the Motorola AM Stereo chip is stuck in the tuning mode [aka useful for finding a strong local AM stereo station, just like the Motorola Data Sheet ordered] with 'very fast' PLL locking... and hence no whine.

to work the way we expect SAM to work there must be three changes. first, the PLL locking must be slowed... this is accomplished by adding a capacitor which provides hysteresis (lag). second, we must prevent the loss of lock during deep fades... this is accomplished by adding a resistor as a bias (base level) [utilizing the chip's 3V reference pin]. third, we must reduce the chip's 'very fast' AGC to 'very slow' so that it does not negate the relatively slow receiver AGC... accomplished via adding external capacitance.

IMO the sad part is that designing an AM radio is easier than making a decent SSB radio. ICOM has already done the "hard part". the Motorola chip is a good one but the implementation was not (don't get me started on the 450/455 IF stuff). IMO the good part is we get a $1200 receiver for half price because ICOM left off a few dollars worth of components... only "good" if we can solder, hence the impetus for my soldering pdf.

i plan on calling Japan to try and speak to some engineers via voice or e-mail... we shall see. ICOM's future plans interest me: if i were Mr. Inoue i would upgrade the R75 because it is a winner. i have a feeling that they may already be working on an R76 to introduce once DSP prices drop.

phil :)

2836. Re: [icomr75] Looking for interesting frequencies

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-10 02:25:19 UTC
From: Scott Hash
Topic: 2831 Message: 2836

>From: "Jim" <dejimk0jad@...>
>Reply-To: icomr75@yahoogroups.com
>To: icomr75@yahoogroups.com
>Subject: [icomr75] Looking for interesting frequencies
>Date: Sat, 09 Nov 2002 20:33:41 -0000
>
>I have recently gotten interested in what goes on outside the ham
>bands (I have been a ham for 20 years). I am not interested in any
>digital modes but thought maybe you folks could give me some active
>SSB frequencies. I don't mean ranges of frequencies, I
>mean "specific" frequencies that are interesting and can be heard
>here in Southwest Arizona. Any ideas to keep me busy??? Thanks and
>73, Jim
>
13306 USB is a North Atlantic frequency. I don't know where they transmit
from. But it is active and can be heard.

The new MSN 8: advanced junk mail protection and 2 months FREE*
http://join.msn.com/?page=features/junkmail

2838. New file: R75 vs. other receivers - ARRL measurements

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-10 04:41:48 UTC
From: payman_a
Topic: 2838 Message: 2838

I have updated the ARRL measurements of the R75 by adding figures from the JRC NRD-545 DSP, Palstar R30, Tentec RX-320, and Grundig Satellit 800 receivers. The new file can be found in the Information folder, or you can click here to view it:

http://groups.yahoo.com/group/icomr75/files/Information/arrl-comparisons.pdf

payman

2839. Re: [icomr75] Antenna 1 or 2?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-10 06:12:34 UTC
From: Bruce Jensen
Topic: 2820 Message: 2839

--- Lloyd <lloyd_vfp@...> wrote:
> I just recently moved and had to re-run my antenna wire. I have a
> long wire about 25ft run out the window of my bedroom and ran along
> across the lentgh of my back patio from the top of both sides.
>
> My question is, Should I use the antenna 1 or 2 input? I'm currently
> using the number 2 - the one with red prong on the back.

For a plain vanilla random wire, use the 500 ohm input, which I believe is the one you are suggesting. Glad to hear of your lower RF noise - I hope to achieve the same reduction some day!

Bruce Jensen

_____
Do you Yahoo!?
U2 on LAUNCH - Exclusive greatest hits videos
http://launch.yahoo.com/u2

2840. ARRL measurements

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-10 06:22:22 UTC
From: Gert Nilsson
Topic: 2840 Message: 2840

Nice comparisons. However some receivers were tested with 0,5 kHz filters, others with 2,3 kHz. Selectivity for AM measurements was not mentioned. Rather hard to compare under these circumstances.

Just one thing is really clear: DX320 is not a good receiver

[Non-text portions of this message have been removed]

2841. Re: ARRL measurements

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-10 07:17:30 UTC
From: payman_a
Topic: 2840 Message: 2841

True; I think the reason that for example the Grundig was tested with a 2.3 kHz filter is because it does not have a 500 Hz filter.

payman

--- In icomr75@y..., "Gert Nilsson" <gert.nilsson@m...> wrote:
> Nice comparisons. However some receivers were tested with 0,5 kHz filters, others with 2,3 kHz. Selectivity for AM measurements was not mentioned. Rather hard to compare under these circumstances.
>
> Just one thing is really clear: DX320 is not a good receiver
>
> [Non-text portions of this message have been removed]

2842. R75 with built-in preselector?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-10 07:33:20 UTC
From: payman_a
Topic: 2842 Message: 2842

Does the R75 have a built-in preselector? I think I read something to this effect just recently (maybe Phil wrote about it).

If so, does this mean using an external preselector like the MFJ-956 is pretty much useless for most people?

Please note I am asking about "preselectors" and not antenna "tuners".

Thanks a lot!

payman

2843. Re: R75 with built-in preselector?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-10 08:11:18 UTC
From: just_rtfm
Topic: 2842 Message: 2843

hi payman:

the CPU selects bandpass filters in the front end. there is a 2 MHz LPF, as well as 2-4, 4-8, 8-11, 11-15, 15-22, 22-30, 30-50, and 50-60 MHz BPFs. these follow a 1.6 MHz HPF that keeps out local BCB.

phil :)

2844. The unasked S-AM question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-10 10:27:43 UTC
From: Leigh Hanlon
Topic: 2844 Message: 2844

"LarryR" <nospam4russell@...> points out:

<< I think the original question, in various flavors, was "How can ICOM pass a 'red face test' claiming the R75 has S-AM?" or "Under what conditions does an un-modified derive benefit from S-AM?" or "Do we just not know how to use S-AM because if it really doesn't work why doesn't ICOM spend 10 cents to fix it?" This last experiment confirms the hypothesis that the only thing that *consistently* and unarguably makes S-AM work is to modify the radio. >>

One question that nobody seems to have asked is: How has Icom avoided being the defendant in a class-action lawsuit over this issue?

Leigh Hanlon
Chicago, USA

2845. Re: [icomr75] Re: R75 with built-in preselector?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-10 14:17:23 UTC
From: Gert Nilsson
Topic: 2842 Message: 2845

This type of preselection is very simple. Octave filters only reject signals that may cause second order intermodulation. A really good preselector with tuned circuits is much better.
----- Original Message -----
From: just_rtfm
To: icomr75@yahoogroups.com
Sent: Sunday, November 10, 2002 8:11 AM
Subject: [icomr75] Re: R75 with built-in preselector?

hi payman:

the CPU selects bandpass filters in the front end. there is a 2 MHz
LPF, as well as 2-4, 4-8, 8-11, 11-15, 15-22, 22-30, 30-50, and 50-60
MHz BPFs. these follow a 1.6 MHz HPF that keeps out local BCB.

phil :)

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2846. Re: R75 with built-in preselector?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-10 17:21:00 UTC
From: payman_a
Topic: 2842 Message: 2846

Thanks to Gert and Phil.

What would be a commercial example of such a good preselector?
Seems to me that the BP filters in the Icom should do a decent
job, making any more improvements with an external unit only
marginal unless one lives in an interference-heavy area.

payman

--- In icomr75@y..., "Gert Nilsson" <gert.nilsson@m...> wrote:
> This type of preselection is very simple. Octave filters only reject
signals that may cause second order intermodulation. A really good
preselector with tuned circuits is much better.
> ----- Original Message -----

2847. Re: [icomr75] Re: R75 with built-in preselector?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-10 17:38:57 UTC
From: John Pickrell
Topic: 2842 Message: 2847

Phil,

Being new to this group I wonder if you would answer a few of my questions?

I have listened to the debate on S-AM and whether ICOM really has a design or not. Not the purpose of my questions.

I have had my R75 about four months now and will the first to agree that the function leaves a bit to desired (understatement?). I have read (and re-read) your mods in this area (and the caveats) as well as Dr. Rado's Version 1.1 of the mods (and those caveats).

Now I don't mean to be presumptuous, but who is Dr Rado (I assume an Electrical Engineer) and what is his connection to this group?

Getting back to the mods, with the caveats (limitations?) you mention, explain why I would/should perform these mods. Again, I don't want to be presumptuous, do the improvements to S-AM really outweigh the limitations of the mods? What is the answer to the previous when one considers the availability of the ECSS option? My radio is in warranty yet and I will not make up my mind until the warranty expires.

Being an engineer (and Program Manager) myself, during my active career I steadfastly refused to answer "the whys" of a particular design as I found that most were self serving. Design suggestions were always given careful consideration, and some were implemented, although most were refused for a multitude of reasons (cost/schedule the most prevalent).

Let me close by apologizing to all as it is not my intent to stifle (regardless of the past email) a discussion.

Thanks.

John P.
----- Original Message -----
From: Gert Nilsson
To: icomr75@yahoogroups.com
Sent: Sunday, November 10, 2002 9:17 AM
Subject: Re: [icomr75] Re: R75 with built-in preselector?

This type of preselection is very simple. Octave filters only reject signals that may cause second order intermodulation. A really good preselector with tuned circuits is much better.
----- Original Message -----
From: just_rtfm
To: icomr75@yahoogroups.com
Sent: Sunday, November 10, 2002 8:11 AM
Subject: [icomr75] Re: R75 with built-in preselector?

hi payman:

the CPU selects bandpass filters in the front end. there is a 2 MHz LPF, as well as 2-4, 4-8, 8-11, 11-15, 15-22, 22-30, 30-50, and 50-60 MHz BPFs. these follow a 1.6 MHz HPF that keeps out local BCB.

phil :)

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[Non-text portions of this message have been removed]

2848. Re: The unasked S-AM question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-10 23:22:26 UTC
From: ptrlmpn
Topic: 2844 Message: 2848

I think this is easy to answer.
First, if you look back, I posted a message "In praise of the R75 AM detector", where I explain that the normal AM mode is already a quasi-synchronous detector (it works much better than normal envelope detectors, btw, for fading signals). Hence, the lack of difference between AM and S-AM is due to the fact that:

1) AM is already quasi-synchronous
2) S-AM is not perfectly implemented.

Now thinks what happens when you sue them.
They say: hey, look at the schematics, we _are_ doing synchronous detection (and any expert called to testify would have to agree with that).
Then you say: but I think it doesn't work.
They reply: hey, compare it with the envelope detector of another radio. Hear the difference? Isn't it better when there is fading?
And again, the expert would have to agree.
Your last shot at it: but, there is no difference between AM and S-AM!
They reply: ah, but this is because our AM mode already incorporates quasi-synchronous intelligent blah, together with enhanced yakyak, so that... and, how are you going to argue about that? Or are you going to sue them because AM is not envelope detection? But they never stipulated that!

So I think it is better to save litigation lust for other purposes.

The bottom line, in my opinion, is the following:

A) The S-AM button is useless, fixed or not (I have had mine fixed). There is never a situation when it clearly works better than AM.

B) By comparision with other radios, I _know_ that the AM detector is much better than traditional envelope detectors; after studying the schematics, I can in fact see that it is NOT an envelope detector. To understand exactly what it does I would need to know more about a proprietary Motorola chip, but I know that in practice, it works very well.

C) Most people expect that when they push the "synchronous" button, they hear a difference. When they don't, they complain that the feature is not there. Somebody put it in an excellent way in rec.radio.shortwave: I am quoting from memory:
<<
Most people don't really judge, or buy, a radio, based on true performance, but based on an expectation of performance.
They aren't really able to judge how good the AM or S-AM mode of

a radio is, and they mostly don't run scientifical comparisons between
the ultimate listening qualities. It is not on performance that they
judge, but on "expected operation": the number of available features
(buttons), and how well the result of a button press match the
expectations.
>>

To clarify, assume that Icom designed a radio in which, due to the
features of the first few IF stages, noise blanking was already
performed 99% there. But assume that they also added a NB button,
that only had a marginal effect (due to the negligible residual amount
of impulse noise to take care of).
Then everybody on these newsgroups (and r.r.shortwave) would be jumpin
up and down screaming that "NB doesn't work". Very few would actually
measure the performance of the R75 in presence of impulse noise, and
compare it with that of other radios.

In fact, has anyone noticed that among published measured performance
parameters, there is nothing related to the performance under fading?
I bet almost nobody (save perhaps Icom itself, and Motorola while
designing the chip) has ever measured quantitatively the performance
under fading, which is the whole point of synchronous detection.

Peter

--- In icomr75@y..., Leigh Hanlon <lthanlon@e...> wrote:
> "LarryR" <nospam4russell@c...> points out:
>
> << I think the original question, in various flavors, was "How can ICOM
> pass a 'red face test' claiming the R75 has S-AM?" or "Under what
> conditions does an un-modified derive benefit from S-AM?" or "Do we
> just not know how to use S-AM because if it really doesn't work why
> doesn't ICOM spend 10 cents to fix it?" This last experiment
> confirms the hypothesis that the only thing that *consistently* and
> unarguably makes S-AM work is to modify the radio. >>
>
> One question that nobody seems to have asked is: How has Icom
avoided being
> the defendant in a class-action lawsuit over this issue?
>
> Leigh Hanlon
> Chicago, USA

2849. Re: The unasked S-AM question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-11 02:44:25 UTC
From: just_rtfm
Topic: 2844 Message: 2849

hi Peter:

> A) The S-AM button is useless, fixed or not

first make sure in SETUP that 'SAM SW' is set to 'En' then try this...

1) tune to a station using SAM ex. 600 kHz.
2) reduce the RF gain significantly
3) retune 500 Hz away ex. 600.500 kHz
4) switch to AM mode and the sound will be fine
5) switch to SAM mode and you will hear a 500 Hz heterodyne
6) increase the RF gain... as soon as the carrier is strong enough
for the Motorola chip it will lock onto the carrier. this illustrates
that synchronization is occurring under SAM. however, the best way to
prevent fading is still by carrier replacement (re-insertion)... SSB
(BFO).

> Somebody put it in an excellent way in rec.radio.shortwave:

that was Peter Maus, he's a smart man!

phil :)

2850. Re: [icomr75] Looking for interesting frequencies

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-11 03:31:16 UTC
From: AllanStern@aol.com
Topic: 2831 Message: 2850

You won't find much better lists than this one:

Top 1000 HF Frequencies. Compiled by Larry Van Horn for Police Call.
www.grove-ent.com/mttopHF.html

AL STERN Satellite Beach FL

"Jim" <dejimk0jad@...> posted:
>
> I have recently gotten interested in what goes on outside the ham
> bands (I have been a ham for 20 years). I am not interested in any
> digital modes but thought maybe you folks could give me some active
> SSB frequencies. I don't mean ranges of frequencies, I
> mean "specific" frequencies that are interesting and can be heard
> here in Southwest Arizona. Any ideas to keep me busy??? Thanks and
> 73, Jim

2851. Re: R75 with built-in preselector?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-11 07:25:35 UTC
From: just_rtfm
Topic: 2842 Message: 2851

hi John:

> Dr Rado (I assume an Electrical Engineer)
> and what is his connection to this group?

Radostin Danev created the Sync-AM and AM-AGC mods... he also started this Yahoo eGroup. he became a doctor somewhere between post #1 and now... i am unsure if his doctorate is in EE (mine is not).

> explain why I would/should perform these mods.

the PDFs (or text files) explain how the mods enhance performance but ultimately only you can decide whether you will want to perform them.

> do the improvements to S-AM really outweigh the
> limitations of the mods?

what are the limitations you refer to with respect to the SAM mod? i ask because IMO (S)AM was pretty lousy before Dr. Rado's mods. i now rarely use ECSS for reception of amplitude modulated signals.

> What is the answer to the previous when one
> considers the availability of the ECSS option?

IMO you can hear everything using just ECSS... the stock radio received a good rating in Passport especially for ham, utility, and DXing; however...

want better (S)AM sound quality? consider Dr. Rado's Sync-AM and AM-AGC mods. want better fidelity? consider my fidelity mod. want better sensitivity for the BCB? consider Pete's MW attenuator bypass mod. want to add an inexpensive ceramic filter? consider looking at my filter mod for ideas. troubled by low volume on faint ECSS-tuned stations? consider my ECSS volume mod.

my goal, and i believe the goal of the others, was only to document mods we've performed on our own radios which we found useful. Ken tested all of my mods (doing them before me) and we both have many of the other mods on our radios as well. posting my mods took time and effort... however, i was greatful that Dr. Rado, Pete, and others documented their mods... so i decided to do the same with mine.

> Being an engineer (and Program Manager) myself

great! i have several engineers in my family.

regards,
phil :)

2852. Re: [icomr75] Re: R75 with built-in preselector?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-11 08:17:10 UTC
From: Radostin Danev
Topic: 2842 Message: 2852

Hi Phil and John,

Here I am. Please, stop with that Dr. thing - I hate it. I think I already asked you Phil to stop Dr.-ing me.

For those interested. My master is solid state physics, my doctorate was on electron microscopy. Electronics is my hobby. My knowledge in electronics is not much more than the knowledge of most of the people here. I was just enthusiastic enough to do the research and brave enough to perform the first mods on R75. Actually modding is as much fun for me (if not more) as listening. Others (like Phil) have joined the modding group and this makes me very happy. It's just a radio. Most of my radios (not many) are actually modified :-). Like Yupiteru MVT-9000 (10.8 MHz images cured, this was real surgery, multilayer SMD boards), Sony ICF-SW07 (synch and AGC mod - now it is a very pleasant radio to listen to, tell me about modding SMD - this one is the real brave heart/cool hand test).
Actually my experience shows that the AGC action determines to huge extent how pleasant a radio is to listen to. I cannot understand how people may rate the Sony ICF-SW07 as pleasantly sounding (even on headphones). Before I fixed the AGC it was terrible.
My theory about the AR7030 famous audio is that this is in part due to the hang-type AGC used. My R75 now has such AGC (this is an unpublished mod) and is much better (in my opinion) than the V2.0 modded one. I am no thinking about publishing this mod though. Providing info about mods has some responsibility attached to it. No matter how huge is the disclaimer - I will feel guilty if somebody screws up his radio while performing my mod.
Anyway, I got carried away ...
Starting a group like this is not an easy task. In the beginning one has to "entertain" the few subscribers to keep them on the list. After going over the "critical mass" however it is self sustaining and is not so demanding on the creator. :-))
I am happy that it turned to be such helpful and "grown up" community. Almost nothing to moderate. This only problem I see now is the free space in the Files section. I will remove some files from the first versions of the mods. Like "R75_left SW07_right.mp3 " - a sound file I posted to convince people that that S-AM is working after the mod. It was not easy :-))).
Finally - I am quite busy. I am sorry I cannot contribute much to the discussions lately, but Phil and several other members seem to be doing a great job. Thank you!

Best regards,

Rado

P.S. Excuse any typos - my Windows installation is quite fresh ... have to install MS Office to get the spelling working ... and Dr. Phil, one more

time - I am just Rado :-))

2853. Re: The unasked S-AM question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-11 08:36:49 UTC
From: ptrlmpn
Topic: 2844 Message: 2853

Hi Phil,

oh, I know that the S-AM setting _does something_
(once fixed, that is).

I am just saying that it is _useless_.
I have never encountered a situation where I can hear a
station better with S-AM than AM or EECS.
Yes, I know, you can use S-AM to do single sideband, by
detuning with PBT... but in practice, why bother - EECS
is just as good if not better.

But this was my point. Even though S-AM to me is useless,
I should not compare the R75 to other radios based on
expected operation (if I push S-AM, it must sound different),
but on performance (how well can I hear if there is fading),
and on this the R75 seems to be very good.

Peter

--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> hi Peter:
>
> > A) The S-AM button is useless, fixed or not
>
> first make sure in SETUP that 'SAM SW' is set to 'En' then try this...
>
> 1) tune to a station using SAM ex. 600 kHz.
> 2) reduce the RF gain significantly
> 3) retune 500 Hz away ex. 600.500 kHz
> 4) switch to AM mode and the sound will be fine
> 5) switch to SAM mode and you will hear a 500 Hz heterodyne
> 6) increase the RF gain... as soon as the carrier is strong enough
> for the Motorola chip it will lock onto the carrier. this illustrates
> that synchronization is occurring under SAM. however, the best way to
> prevent fading is still by carrier replacement (re-insertion)... SSB
> (BFO).
>
> > Somebody put it in an excellent way in rec.radio.shortwave:
>
> that was Peter Maus, he's a smart man!
>
> phil :)

2854. Report on 3khz Filter mod and Fidelity mod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-11 14:35:17 UTC
From: curtis_cr
Topic: 2854 Message: 2854

I finally got around to doing the latest two popular mods from Phil this weekend. I thought I'd share my impressions of the installation and operation with the group. I have previously done Rado's AGC and ver 2.1 SAM mods and loved the improvement. These two latest mods are magnificently documented by Phil in his folder under the Files section.

First, the filter. Installation is easy as expected with no hard soldering and no soldering in the radio at all. I tried some resistor leads in the connector holes in the radio, but they appeared to be either too large or too small. I then found out that the large opening at the surface of the mounting holes narrows to a much smaller opening further down. The leads from an old 1 watt resistor exactly fit when pushed with a small force down into the hole and make great connections that way. This is a nice new filter to have and gives a nice additional selection on AM. You can't select it in SAM, so there's no way to try it there. Phil doesn't recommend it for SSB use, but I tried it and it seems to me to work pretty well with some fine tuning to find a spot without flutter. A nice add-on for only $10 or so.

Next the Fidelity mod. I LOVE this one. I had always been a bit dissapointed with the raw audio quality of the R75 - it always sounded like it didn't have enough high frequencies. I use a set of OK 2-way computer speakers and got great audio from a WJ8716 but relatively dull sound from the R75 with the same speakers - both connected with a stereo plug to the earphone jacks (though I tried the other outs and they sound the same). This mod makes a world of difference. Now you can hear the esses in speach and it sounds much more natural and pleasant. A major improvement IMHO. The installation requires some tricky soldering though. I'm only so-so with a soldering iron, and even with my magnifying hat it wasn't a walk in the park. Still, with careful pre-tinning of the wire ends and with premounting of the resistors so you don't have to stress the wires after they "stick", things worked out all right. I did discover that the upper right and left edges of the resistors are metal and a good connection point, so you don't have to try to find the microscopic leads as they touch the circuit board. I think if the engineers make these things much smaller, mods will be a thing of the past.

Anyway, with 4 mods done on the radio, it now works and sounds better than the stock radio - which I liked a lot, BTW. Thanks again to Phil for going to all the trouble to publish these last two.

2855. Re: [icomr75] Re: R75 with built-in preselector?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-11 16:31:08 UTC
From: John Pickrell
Topic: 2842 Message: 2855

Hi Phil and Rado,

First, thanks for the rapid responses to my questions. Second, let me apologize again if I sounded a bit presumptuous or officious but I was just trying to gather some answers. I guess my years of experiences with "user communities" and "got to have mods" was showing in my reluctance to accept, on face value, the mods as offered.

Rado, I played the audio file that you suggested and it made a believer out of me. And Phil, your comment on not using ECSS, and the necessary fine adjustment, after the mods cemented my decision to go ahead with the mods. Finally Rado, do you have a layout of the board that you used for your Version 1.1 of the mod and does it incorporate the components of Version 1? I don't want to re-invent the wheel.

In the mean time I have a question about ICOM and their service policy. Do either of you know if ICOM will perform repairs on a modified R75 should a future, out of warranty, failure require them?

Thanks to you both for the help.

John
----- Original Message -----
From: just_rtfm
To: icomr75@yahoogroups.com
Sent: Monday, November 11, 2002 2:25 AM
Subject: [icomr75] Re: R75 with built-in preselector?

hi John:

> Dr Rado (I assume an Electrical Engineer)
> and what is his connection to this group?

Radostin Danev created the Sync-AM and AM-AGC mods... he also started this Yahoo eGroup. he became a doctor somewhere between post #1 and now... i am unsure if his doctorate is in EE (mine is not).

> explain why I would/should perform these mods.

the PDFs (or text files) explain how the mods enhance performance but ultimately only you can decide whether you will want to perform them.

> do the improvements to S-AM really outweigh the
> limitations of the mods?

what are the limitations you refer to with respect to the SAM mod? i ask because IMO (S)AM was pretty lousy before Dr. Rado's mods. i now rarely use ECSS for reception of amplitude modulated signals.

> What is the answer to the previous when one
> considers the availability of the ECSS option?

IMO you can hear everything using just ECSS... the stock radio
received a good rating in Passport especially for ham, utility, and
DXing; however...

want better (S)AM sound quality? consider Dr. Rado's Sync-AM and AM-
AGC mods. want better fidelity? consider my fidelity mod. want better
sensitivity for the BCB? consider Pete's MW attenuator bypass mod.
want to add an inexpensive ceramic filter? consider looking at my
filter mod for ideas. troubled by low volume on faint ECSS-tuned
stations? consider my ECSS volume mod.

my goal, and i believe the goal of the others, was only to document
mods we've performed on our own radios which we found useful. Ken
tested all of my mods (doing them before me) and we both have many of
the other mods on our radios as well. posting my mods took time and
effort... however, i was greatful that Dr. Rado, Pete, and others
documented their mods... so i decided to do the same with mine.

> Being an engineer (and Program Manager) myself

great! i have several engineers in my family.

regards,
phil :)

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icomr75-unsubscribe@egroups.com

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[Non-text portions of this message have been removed]

2856. What's an IF?....

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-11 17:28:11 UTC
From: dukeofbecker
Topic: 2856 Message: 2856

I'm hoping to get a description of an IF...and why the R-75 has two of them?....

I'm researching the R-75 for possible purchase.

Carl

2857. Re: What's an IF?....

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-11 18:18:25 UTC
From: craigm55901
Topic: 2856 Message: 2857

--- In icomr75@y..., "dukeofbecker" <perezcj@c...> wrote:
> I'm hoping to get a description of an IF...and why the R-75 has two
> of them?....
>
> I'm researching the R-75 for possible purchase.
>
> Carl

These should get you started.

http://home.attbi.com/~radiowarren/hetbasic.html

http://www.fas.org/man/dod-101/navy/docs/es310/superhet.htm

http://www.isy.liu.se/~dake/TFYY48-01/unit1.pdf

http://www.users.cloud9.net/~stark/ct9.pdf

http://www.maxim-ic.com/appnotes.cfm/appnote_number/749

Craig

2858. RE: [icomr75] Re: R75 with built-in preselector?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-11 18:35:40 UTC
From: Enrique A. Wembagher
Topic: 2842 Message: 2858

Excellent proven models are:

MFJ-956 (passive ATU only) and the preselectors 1040B, 1045C, 959B
All work well in my rxs.

Enrique

> -----Mensaje original-----
> De: payman_a [mailto:payman_a@...]
> Enviado el: Domingo, 10 de Noviembre de 2002 14:21
> Para: icomr75@yahoogroups.com
> Asunto: [icomr75] Re: R75 with built-in preselector?
>
>
> Thanks to Gert and Phil.
>
> What would be a commercial example of such a good preselector?
> Seems to me that the BP filters in the Icom should do a decent
> job, making any more improvements with an external unit only
> marginal unless one lives in an interference-heavy area.
>
> payman
>
> --- In icomr75@y..., "Gert Nilsson" <gert.nilsson@m...> wrote:
> > This type of preselection is very simple. Octave filters only reject
> signals that may cause second order intermodulation. A really good
> preselector with tuned circuits is much better.
> > ----- Original Message -----
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

2859. RE: [icomr75] Re: R75 with built-in preselector?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-11 18:35:50 UTC
From: Enrique A. Wembagher
Topic: 2842 Message: 2859

Rado,
Don't leave us alone!!

Enrique

> -----Mensaje original-----
> De: Radostin Danev [mailto:rado@...]
> Enviado el: Lunes, 11 de Noviembre de 2002 05:17
> Para: icomr75@yahoogroups.com
> Asunto: Re: [icomr75] Re: R75 with built-in preselector?

> Finally - I am quite busy. I am sorry I cannot contribute much to the
> discussions lately, but Phil and several other members seem to be doing a
> great job. Thank you!
>
> Best regards,
>
> Rado

2860. Frankenstein junior II [4 mods]

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-12 00:57:10 UTC
From: atagrasin
Topic: 2854 Message: 2860

HI Curtis welcome to the R-75 frankenstein world.Your receiver is frankenstein junior II.The frankenstein series include the R-75 with 4 or more mods [I did 6].Do you did the sensitivity mod for MW?

> I finally got around to doing the latest two popular mods from Phil
> this weekend. I thought I'd share my impressions of the installation
> and operation with the group. I have previously done Rado's AGC and
> ver 2.1 SAM mods and loved the improvement. These two latest mods
> are magnificently documented by Phil in his folder under the Files
> section.
>
> First, the filter. Installation is easy as expected with no hard
> soldering and no soldering in the radio at all. I tried some
> resistor leads in the connector holes in the radio, but they appeared
> to be either too large or too small. I then found out that the large
> opening at the surface of the mounting holes narrows to a much
> smaller opening further down. The leads from an old 1 watt resistor
> exactly fit when pushed with a small force down into the hole and
> make great connections that way. This is a nice new filter to have
> and gives a nice additional selection on AM. You can't select it in
> SAM, so there's no way to try it there. Phil doesn't recommend it
> for SSB use, but I tried it and it seems to me to work pretty well
> with some fine tuning to find a spot without flutter. A nice add-on
> for only $10 or so.

Yes I have this one too.A very easy mod and cheapy mod.

> Next the Fidelity mod. I LOVE this one. I had always been a bit
> dissapointed with the raw audio quality of the R75 - it always
> sounded like it didn't have enough high frequencies. I use a set of

This mod makes a world of

> difference. Now you can hear the esses in speach and it sounds much
> more natural and pleasant. A major improvement IMHO. The
> installation requires some tricky soldering though.

With the using of the micro wires and a good magnifier not a difficult mod.You only need 6 pieces of wires.

> wires after they "stick", things worked out all right. I did
> discover that the upper right and left edges of the resistors are

> metal and a good connection point, so you don't have to try to find
> the microscopic leads as they touch the circuit board. I think if
> the engineers make these things much smaller, mods will be a thing
of
> the past.
>
> Anyway, with 4 mods done on the radio, it now works and sounds
better
Yes better than some "big guns" out there.
> than the stock radio - which I liked a lot, BTW. Thanks again to
> Phil for going to all the trouble to publish these last two.

2861. Expanded Filter Selection ??? - Help !!!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-12 00:57:49 UTC
From: yaichaboo
Topic: 2861 Message: 2861

I just purchased the R75 a couple of weeks ago & for the most part I like this radio but the manual is horrible. Can someone please explain Expanded Filter Selection? Turning this on does what???

2862. Re: R75 with built-in preselector?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-12 01:05:09 UTC
From: just_rtfm
Topic: 2842 Message: 2862

> Rado,
> Don't leave us alone!!

LOL!

phil :)

2863. Re: R75 with built-in preselector?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-12 01:08:48 UTC
From: just_rtfm
Topic: 2842 Message: 2863

hi Rado (see, i am learning):

i am the same and enjoy modding as much as listening... i mod non-electronic products as well. i had planned on variable-AGC, variable-NB, and PBT mods as well; however, i am pleased with my radio as-is now. i tried to make the mods simple as i would also feel bad if someone ruined their radio performing them... was impetus for the soldering PDF. i appreciate freeing up some file space... we could always put the mp3s on a free server.

phil :)

2864. Re: The unasked S-AM question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-12 01:10:39 UTC
From: just_rtfm
Topic: 2844 Message: 2864

hi Peter:

i see your point. i find during MW DXing (c modified unit) that SAM sounds much richer even while detuned; however, i switch to ECSS for strong adjacent interference (tuning near local blowtorches) or severe fading (rare). i very much appreciate your comparisons to other radios.

phil :)

2865. Transceive Mode Help?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-12 01:37:35 UTC
From: k0adl
Topic: 2865 Message: 2865

Has anyone out there ever used the R-75 in "Transceive" mode?
Transceive mode is when you have an R-75 connected directly to an
Icom transceiver (in my case, an IC-718). There is NO CI-V device
used when this done - the radios are simply connected from one
remote jack to the other. The R-75 has a "Mute Control Jack" but
the manual doesn't really say how to use it for transceive
function. Has anyone done this (transmit with an Icom rig, but
receive with the R-75)? If so, how do you use the mute control
jack, and do I HAVE to have a CI-V box to do this?

Thanks,
Alan
K0ADL

2866. Re: R75 with built-in preselector?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-12 01:39:28 UTC
From: just_rtfm
Topic: 2842 Message: 2866

hi John:

no need for apology. ascertaining how the mods perform before taking a soldering iron to your radio makes good sense to me. i aimed for safe mods: soldering large resistors in parallel to existing resistors using the procedure described in the soldering PDF. low risk even if accidentally soldered to the wrong place: ex. 47k-ohms at 19V (+14V to -5V) max potential means at most 0.4 mA current. the mods are also non-permenant and can be removed by simply clipping the wires.

ECSS is extremely good on the R75; however, i do not use it that often anymore for amplitude modulated signals. i do NOT recommend my ECSS volume mod unless you are bothered by low ECSS volume (less useful after fixing the AM section). i do NOT recommend my filter mod especially either; however, the mod documents inexpensive filter addition and the 15-pole ceramic murata has good specs and sound.

IMO the essential mods to fix the (S)AM section (in the order i would do them) are: AM-AGC, Sync-AM, and fidelity.

i know of no PCB layout. most people get some perf board and use wire-wrap (soldered)... you may want to check the pics in the 'Photos' section.

check previous message posts: if memory serves me ICOM will still do repairs. maybe some type of "burn-in" test would be useful... afterwhich i believe component failure rate would be very low. IMO ICOM has excellent quality control.

> Thanks to you both for the help.

you're very welcome.

phil :)

2867. Re: Report on 3khz Filter mod and Fidelity mod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-12 02:11:17 UTC
From: just_rtfm
Topic: 2854 Message: 2867

howdy Curtis!

> I finally got around to doing the latest two
> popular mods from Phil this weekend.

hehe, i like your use of the word popular but i suspect you are only the third to do them! :D

> the large opening at the surface of the mounting
> holes narrows to a much smaller opening further down.

good point... i should have mentioned in the PDF. i originally shoved a large piece of wire into the holes... only to find that while using the filter it cut-out... i had no idea the smaller diameter hole was further down. Ken brought this to my attention as well as the wiring layout (argh!). quite amusing... i wrote up the mod and then had to e-mail Ken several times to ask how to perform it lol. Ken has no fear and is lightning fast with a soldering iron... without his help there would be no mods.

i noticed the same on SSB! flutter unless centered... the other side must be entering the passband.

> Next the Fidelity mod. I LOVE this one.

:D i am very pleased to read this post. the radio sounds very different now to me. the big surprise is that the DSP functions to 5 kHz... way to go ICOM!

> A major improvement IMHO.

thank you. have you tried using 15/15 kHz filters on a "clear" channel? the fidelity is incredible. FWIW you should avoid using the 15/15 filters with the DSP (NR or ANF) because of possible aliasing sound distortions (although i have not been able to elicit these as the DSP possibly has filtration of its own). if SSB sounds odd (too much highs) simply twist the PBTs in opposite directions slightly... the IF filters will easily cut down the fidelity (reducing RF gain can also alter what is passed).

IMO an ideal setup would be to use the 'REC' out (aka bypass the higher distortion components) and pump audio into a low-distortion amplifier with tone controls (this coming from someone who is using $20 walmart computer speakers lol).

i hope some of the gurus (Rado, Pete, and others) will try my mod... between the choices of 47k-ohm or 100k-ohm [and switch option, which IMO is unneccesary] i feel they will be pleased with the results.

> Still, with careful pre-tinning of the wire ends

this is essential.

> and with premounting of the resistors

again essential... i should have mentioned this also.

> BTW. Thanks again to Phil

you are VERY welcome. another Frankenstein is born!

phil :)

2868. Re: [icomr75] Re: R75 with built-in preselector?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-12 02:38:12 UTC
From: John Pickrell
Topic: 2842 Message: 2868

Phil,

Thanks for the info. In your list of recommendations you neglected to mention Rado's Version 2 (I.E. lock detector)? Have you done the mod and, if so, does it reduce the objectionable whines?

As to "Burn Ins", I have plenty of experience in this area. With "Unqualed" components that have not been "Screened" you can expect most infant mortality failures within 700 hours of operation. As I got my radio in mid July I should be close by the end of the year.

My plan, as of this writing, is to fabricate both Mods (Versions 1.1 and 2) on to a small circuit card and use ribbon cable to make the radio connections. If I can find an appropriate connector I will use it as a disconnect (with a jumper plug to return to unmodified condition). This should make a neater installation and should salve ICOM (if necessary).

When it's done to my satisfaction I'll post some photos.

Thanks again.

John P.
----- Original Message -----
From: just_rtfm
To: icomr75@yahoogroups.com
Sent: Monday, November 11, 2002 8:39 PM
Subject: [icomr75] Re: R75 with built-in preselector?

hi John:

no need for apology. ascertaining how the mods perform before taking a soldering iron to your radio makes good sense to me. i aimed for safe mods: soldering large resistors in parallel to existing resistors using the procedure described in the soldering PDF. low risk even if accidentally soldered to the wrong place: ex. 47k-ohms at 19V (+14V to -5V) max potential means at most 0.4 mA current. the mods are also non-permenant and can be removed by simply clipping the wires.

ECSS is extremely good on the R75; however, i do not use it that often anymore for amplitude modulated signals. i do NOT recommend my ECSS volume mod unless you are bothered by low ECSS volume (less useful after fixing the AM section). i do NOT recommend my filter mod especially either; however, the mod documents inexpensive filter addition and the 15-pole ceramic murata has good specs and sound.

IMO the essential mods to fix the (S)AM section (in the order i would do them) are: AM-AGC, Sync-AM, and fidelity.

i know of no PCB layout. most people get some perf board and use wire-wrap (soldered)... you may want to check the pics in the 'Photos' section.

check previous message posts: if memory serves me ICOM will still do repairs. maybe some type of "burn-in" test would be useful... afterwhich i believe component failure rate would be very low. IMO ICOM has excellent quality control.

> Thanks to you both for the help.

you're very welcome.

phil :)

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[Non-text portions of this message have been removed]

2869. Re: What's an IF?....

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-12 03:12:21 UTC
From: LarryR
Topic: 2856 Message: 2869

Good links. If you want the high-level Reader Digest version:

All modern radios us an IF (intermediate frequency) to provide most of the signal amplification. This means that all input frequencies are converted to a fixed frequency. The reason for this is that it is easier to build an amplifier that works well on a single frequency than lots of different frequencies. It's also easier to make filters that select the frequency bandwidth you want to hear if they are a fixed frequency. This process I just described is called superheterodyning. It works well for a single stage for a single band receiver (like an AM radio). It doesn't work well for a wideband radio like the r75. The reason is that heterodyning creates images, which means the same signal will be heard at multiple tuning dial positions (the links Craig provided explain all this). Doing the IF conversion twice (called dual-conversion) reduces the images. Triple conversion is even better - the r75 actually has a 60MhZ first IF, but you don't hear about it because you can't select filters for it, so the r75 is actually a triple conversion receiver.

Larry

--- In icomr75@y..., "craigm55901" <camenning@c...> wrote:
> --- In icomr75@y..., "dukeofbecker" <perezcj@c...> wrote:
> > I'm hoping to get a description of an IF...and why the R-75 has two
> > of them?....
> >
> > I'm researching the R-75 for possible purchase.
> >
> > Carl
>
> These should get you started.
>
> http://home.attbi.com/~radiowarren/hetbasic.html
>
> http://www.fas.org/man/dod-101/navy/docs/es310/superhet.htm
>
> http://www.isy.liu.se/~dake/TFYY48-01/unit1.pdf
>
> http://www.users.cloud9.net/~stark/ct9.pdf
>
> http://www.maxim-ic.com/appnotes.cfm/appnote_number/749
>
> Craig

2870. Re: R75 with built-in preselector?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-12 06:41:27 UTC
From: just_rtfm
Topic: 2842 Message: 2870

hi John:

> you neglected to mention Rado's Version 2

you are *absolutely* correct. i actually installed version 2.0 (one with transistors). with version 2.0 switching 'SAM SW' in setup from 'En' to 'SA' will allow simulation of mod version 1.1.

> does it reduce the objectionable whines?

version 2.0 locks quickly (minimal whine) and stays locked.

> failures within 700 hours of operation.

i had no idea!

> My plan, as of this writing, is to fabricate both Mods

all you need is verion 2.0 or 2.1 (one with quad op-amp)... i have no idea which is better as i've only done version 2.0.

> When it's done to my satisfaction I'll post some photos.

please do!

> Thanks again.

anytime.

phil :)

2871. Re: [icomr75] Re: The unasked S-AM question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-12 16:58:21 UTC
From: Bruce Jensen
Topic: 2844 Message: 2871

--- ptrlmpn <plampione@...> wrote:

> The bottom line, in my opinion, is the following:
>
> A) The S-AM button is useless, fixed or not (I have had mine fixed).
> There is never a situation when it clearly works better than AM.

Here I have to differ. With my "fixed" S-AM, it is noticeably better than AM, and drastically better than my non-S-AM DX-398. Then after a few snips...

> In fact, has anyone noticed that among published measured performance
> parameters, there is nothing related to the performance under fading?
> I bet almost nobody (save perhaps Icom itself, and Motorola while
> designing the chip) has ever measured quantitatively the performance
> under fading, which is the whole point of synchronous detection.

Bingo.

Bruce Jensen
****

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http://launch.yahoo.com/u2

2872. Re: [icomr75] Re: The unasked S-AM question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-12 17:02:38 UTC
From: Bruce Jensen
Topic: 2844 Message: 2872

```
--- just_rtfm <just_rtfm@...> wrote:
> hi Peter:
>
> > A) The S-AM button is useless, fixed or not
>
> first make sure in SETUP that 'SAM SW' is set to 'En' then try this...
>
> 1) tune to a station using SAM ex. 600 kHz.
> 2) reduce the RF gain significantly
> 3) retune 500 Hz away ex. 600.500 kHz
> 4) switch to AM mode and the sound will be fine
> 5) switch to SAM mode and you will hear a 500 Hz heterodyne
> 6) increase the RF gain... as soon as the carrier is strong enough
> for the Motorola chip it will lock onto the carrier. this illustrates
> that synchronization is occurring under SAM. however, the best way to
> prevent fading is still by carrier replacement (re-insertion)... SSB
> (BFO).

Is S-AM supposed to *eliminate* fading, or actually compensate for the
distortion that occurs when the fading takes place? I still see some
signal degeneration on my S-meter and to my ears when a fade occurs, but
more importantly, the sound remains clear and ungarbled. I can live with
signal diminution if I can understand what the broadcaster is saying...

Yes, Peter Maus is a very perceptive and worthy fellow! His input is
always valuable.

Bruce Jensen


_____________________________________________________
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2873. Re: [icomr75] Transceive Mode Help?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-12 17:12:29 UTC
From: Paulo Ferreira
Topic: 2865 Message: 2873

There was a guy doing/talking about that on the Icom 718
mailing list here on yahoo, some time ago.

Greetings
Paulo Ferreira

Paulo Ferreira paf@...

2874. Re: Report on 3khz Filter mod and Fidelity mod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-12 18:10:30 UTC
From: curtis_cr
Topic: 2854 Message: 2874

Hi Phil,

Thanks for the kind note. I have used this with the AM wide setting of 15/15 and you're right - it now sounds really nice. On these stronger stations I can also turn off the dsp and get even more natural highs.

I'm surprised to hear that the fidelity mod hasn't been super popular - I suspect that it's due to the stomach churning caused by the first look at those micro-resistors. But if I can do it, it's not that hard.

As to the Frankenstein designation - I'll take it with pride, but there is still lots of open space in the radio!

--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> howdy Curtis!
>
> > I finally got around to doing the latest two
> > popular mods from Phil this weekend.
>
> hehe, i like your use of the word popular but i suspect you are only
> the third to do them! :D
>
> > the large opening at the surface of the mounting
> > holes narrows to a much smaller opening further down.
>
> good point... i should have mentioned in the PDF. i originally shoved
> a large piece of wire into the holes... only to find that while using
> the filter it cut-out... i had no idea the smaller diameter hole was
> further down. Ken brought this to my attention as well as the wiring
> layout (argh!). quite amusing... i wrote up the mod and then had to e-
> mail Ken several times to ask how to perform it lol. Ken has no fear
> and is lightning fast with a soldering iron... without his help there
> would be no mods.
>
> i noticed the same on SSB! flutter unless centered... the other side

> must be entering the passband.
>
> > Next the Fidelity mod. I LOVE this one.
>
> :D i am very pleased to read this post. the radio sounds very
> different now to me. the big surprise is that the DSP functions to
5
> kHz... way to go ICOM!
>
> > A major improvement IMHO.
>
> thank you. have you tried using 15/15 kHz filters on a "clear"
> channel? the fidelity is incredible. FWIW you should avoid using
the
> 15/15 filters with the DSP (NR or ANF) because of possible aliasing
> sound distortions (although i have not been able to elicit these as
> the DSP possibly has filtration of its own). if SSB sounds odd (too
> much highs) simply twist the PBTs in opposite directions
slightly...
> the IF filters will easily cut down the fidelity (reducing RF gain
> can also alter what is passed).
>
> IMO an ideal setup would be to use the 'REC' out (aka bypass the
> higher distortion components) and pump audio into a low-distortion
> amplifier with tone controls (this coming from someone who is using
> $20 walmart computer speakers lol).
>
> i hope some of the gurus (Rado, Pete, and others) will try my
mod...
> between the choices of 47k-ohm or 100k-ohm [and switch option,
which
> IMO is unneccesary] i feel they will be pleased with the results.
>
> > Still, with careful pre-tinning of the wire ends
>
> this is essential.
>
> > and with premounting of the resistors
>
> again essential... i should have mentioned this also.
>
> > BTW. Thanks again to Phil
>
> you are VERY welcome. another Frankenstein is born!
>
> phil :)

2875. Re: Frankenstein junior II [4 mods]

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-12 18:24:56 UTC
From: curtis_cr
Topic: 2854 Message: 2875

Hi and thanks! Glad to be in the exclusive club of Frankenradios. I didn't do the MW mod since my homemade MW loop picks up all kinds of electrical noise on weak stations and I haven't tried to see if I could figure a way to make it better with the R75. The same loop works great inductively with my portable SW radio and I use that mostly for MW.

--- In icomr75@y..., "atagrasin" <k1c2@h...> wrote:
> HI Curtis welcome to the R-75 frankenstein world.Your receiver is
> frankenstein junior II.The frankenstein series include the R-75 with
> 4 or more mods [I did 6].Do you did the sensitivity mod for
>
MW?
> > I finally got around to doing the latest two popular mods from Phil
> > this weekend. I thought I'd share my impressions of the
> installation
> > and operation with the group. I have previously done Rado's AGC
> and
> > ver 2.1 SAM mods and loved the improvement. These two latest mods
> > are magnificently documented by Phil in his folder under the Files
> > section.
> >
> > First, the filter. Installation is easy as expected with no hard
> > soldering and no soldering in the radio at all. I tried some
> > resistor leads in the connector holes in the radio, but they
> appeared
> > to be either too large or too small. I then found out that the
> large
> > opening at the surface of the mounting holes narrows to a much
> > smaller opening further down. The leads from an old 1 watt
> resistor
> > exactly fit when pushed with a small force down into the hole and
> > make great connections that way. This is a nice new filter to have
> > and gives a nice additional selection on AM. You can't select it
> in
> > SAM, so there's no way to try it there. Phil doesn't recommend it
> > for SSB use, but I tried it and it seems to me to work pretty well
> > with some fine tuning to find a spot without flutter. A nice add-

> on
> > for only $10 or so.
> Yes I have this one too.A very easy mod and cheapy
mod.
> > Next the Fidelity mod. I LOVE this one. I had always been a bit
> > dissapointed with the raw audio quality of the R75 - it always
> > sounded like it didn't have enough high frequencies. I use a set
> of
> This mod makes a world of
> > difference. Now you can hear the esses in speach and it sounds
> much
> > more natural and pleasant. A major improvement IMHO. The
> > installation requires some tricky soldering
though.
> With the using of the micro wires and a good magnifier not a
> difficult mod.You only need 6 pieces of
wires.
> > wires after they "stick", things worked out all right. I did
> > discover that the upper right and left edges of the resistors are
> > metal and a good connection point, so you don't have to try to
find
> > the microscopic leads as they touch the circuit board. I think
if
> > the engineers make these things much smaller, mods will be a
thing
> of
> > the past.
> >
> > Anyway, with 4 mods done on the radio, it now works and sounds
>
better
> Yes better than some "big guns" out
there.
> > than the stock radio - which I liked a lot, BTW. Thanks again to
> > Phil for going to all the trouble to publish these last two.

2876. Re: The unasked S-AM question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-12 19:05:36 UTC
From: craigm55901
Topic: 2844 Message: 2876

--- In icomr75@y..., Bruce Jensen <bpnjensen@y...> wrote:

>
> Is S-AM supposed to *eliminate* fading, or actually compensate for the
> distortion that occurs when the fading takes place? I still see some
> signal degeneration on my S-meter and to my ears when a fade occurs, but
> more importantly, the sound remains clear and ungarbled. I can live
with
> signal diminution if I can understand what the broadcaster is saying...
>
> Yes, Peter Maus is a very perceptive and worthy fellow! His input is
> always valuable.
>
> Bruce Jensen
>

Bruce,

You are hearing what SAM should do. I.e., clear up the distortion
during selective fading. The S-meter will still indicate a fade and
you will hear amplitude changes, but the majority of the distortion
should go away.

Craig

2877. RE:Report on 3khz Filter mod and Fidelity mod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-12 22:33:01 UTC
From: John M. Gedde
Topic: 2854 Message: 2877

I have to jump up and plug myself here. I designed the v2.1 S-AM circuit, not Rado. Rado did, however, come up with the original idea....

Cheers,
John Gedde

<SNIP>
I finally got around to doing the latest two popular mods from Phil this weekend. I thought I'd share my impressions of the installation and operation with the group. I have previously done Rado's AGC and ver 2.1 SAM mods and loved the improvement. These two latest mods are magnificently documented by Phil in his folder under the Files section.
</SNIP>

2878. Re: [icomr75] RE:Report on 3khz Filter mod and Fidelity mod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-12 22:43:31 UTC
From: Bruce Jensen
Topic: 2854 Message: 2878

Well-deserved credit to you where credit is certainly due! Thanks!

Bruce Jensen
****
--- "John M. Gedde" <jgedde@...> wrote:
> I have to jump up and plug myself here. I designed the v2.1 S-AM
> circuit, not Rado. Rado did, however, come up with the original
> idea....
>
> Cheers,
> John Gedde
>
> <SNIP>
> I finally got around to doing the latest two popular mods from Phil
> this weekend. I thought I'd share my impressions of the installation
> and operation with the group. I have previously done Rado's AGC and
> ver 2.1 SAM mods and loved the improvement. These two latest mods
> are magnificently documented by Phil in his folder under the Files
> section.
> </SNIP>
>
>

=====
Cheers,
Bruce Jensen
~~~~~~~~~~~~
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

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~~~~~~~~~~~~

2879. Re: RE:Report on 3khz Filter mod and Fidelity mod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-12 23:38:51 UTC
From: curtis_cr
Topic: 2854 Message: 2879

My apologies John. I knew that but it has been a couple of months since I built up the board and put it in and just forgot. A great piece of work too!

--- In icomr75@y..., "John M. Gedde" <jgedde@b...> wrote:
> I have to jump up and plug myself here. I designed the v2.1 S-AM
> circuit, not Rado. Rado did, however, come up with the original
> idea....
>
> Cheers,
> John Gedde
>
> <SNIP>
> I finally got around to doing the latest two popular mods from Phil
> this weekend. I thought I'd share my impressions of the
installation
> and operation with the group. I have previously done Rado's AGC
and
> ver 2.1 SAM mods and loved the improvement. These two latest mods
> are magnificently documented by Phil in his folder under the Files
> section.
> </SNIP>

2880. Going beyond Kiwa mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-13 02:16:45 UTC
From: payman_a
Topic: 2880 Message: 2880

The discussion about mods has been very fascinating, but I am still left with one question: let's say you have an R75 (like me!) which has ALL the Kiwa mods (i.e., 450 kHz Filter Upgrade, Synchronous Detector Upgrade, and Audio Upgrade). Should I still do any of the mods described by our experts in this forum? Can I?

Thanks a lot!!

payman

2881. Re: [icomr75] RE:Report on 3khz Filter mod and Fidelity mod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-13 02:38:24 UTC
From: Rodger N. Bird II
Topic: 2854 Message: 2881

John,

Do you have a circuit board layout for your 2.1 circuit?

It appears using the transistors in the 2.0 mod would be easier to build. A circuit board layout for use with the IC.

Thank you,

Rodger

At 05:33 PM 11/12/02 -0500, you wrote:
>I have to jump up and plug myself here. I designed the v2.1 S-AM
>circuit, not Rado. Rado did, however, come up with the original
>idea....
>
>Cheers,
>John Gedde
>
><SNIP>
>I finally got around to doing the latest two popular mods from Phil
>this weekend. I thought I'd share my impressions of the installation
>and operation with the group. I have previously done Rado's AGC and
>ver 2.1 SAM mods and loved the improvement. These two latest mods
>are magnificently documented by Phil in his folder under the Files
>section.
></SNIP>
>
>
>To unsubscribe from this group, send an email to:
>icomr75-unsubscribe@egroups.com
>
>
>
>Your use of Yahoo! Groups is subject to the
><http://docs.yahoo.com/info/terms/>Yahoo! Terms of Service.

2882. Re: RE:Report on 3khz Filter mod and Fidelity mod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-13 04:06:32 UTC
From: just_rtfm
Topic: 2854 Message: 2882

hi John:

> I designed the v2.1 S-AM circuit, not Rado.

thank you for bringing this to our attention. if you have time can
you give us a brief explaination of how your mod works and how it
differs from Rado's ver 2.0. also if anyone has done both please
share your thoughts.

thanks,
phil :)

2883. Re: Going beyond Kiwa mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-13 06:28:10 UTC
From: just_rtfm
Topic: 2880 Message: 2883

hi payman:

i am no radio expert but AFA my mods go: the filter mod was done for the purpose of documenting the mechanics of adding an inexpensive ceramic filter for AM usage... you already have enough filters so i do not recommend it. my ECSS volume mod was done when i was using ECSS exclusively and troubled by faint ECSS volume... you have Rado's mods so i do not recommend it either.

the fidelity mod is different... it enhances Rado's or John's mods and changes the radio's sound significantly. i documented it early because quite frankly i was afraid of starting another project and not getting around to it. my hope is to do a spectral test to more scientifically compare the 47k and 100k-ohm resistor choices but this may not happen anytime soon. IMO any surface-mount mod will take considerable (but learnable) soldering skill.

phil :)

2884. Re: Report on 3khz Filter mod and Fidelity mod

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-13 07:02:56 UTC
From: just_rtfm
Topic: 2854 Message: 2884

hello Curtis!

FWIW i avoid using the 15/15 filters with the DSP ON (NR or ANF) because the DSP will not pass audio above 5 kHz. the 15/15 filters allow 7.5 kHz of audio... so everything from 5.0 to 7.5 kHz in frequency response will be 100% attenuated by the DSP... and these frequencies may cause distortion. although i could not elicit any distortion (possibly due to filters on the DSP itself) it's best to avoid the possibility by switching down to 15/6 or narrower (aka use anything but 15/15) when using the DSP. YMMV.

> I'm surprised to hear that the fidelity mod
> hasn't been super popular

thanks! it is a very new mod... AFAIK you are only the third person who has performed it. you are a pioneer. i suspect others will follow. please feel free to openly give any feedback on the mod... good or bad... so that others can make an informed decision. i feel that between the 47k-ohm, 100k-ohm, or switch options that everyone can be accomodated.

i would like to do a spectral comparison of the 47k-ohm versus 100k-ohm resistors but this will not be an easy task. in theory i would have liked to have set the resistors to a value between 47k-ohm and 100k-ohm but these are the standard resistor values. Ken liked the 47k-ohms better but i still remain curious and would like to quantitate the differences. i'd do the testing but at the moment i am so happy with the audio i just don't feel like fooling with it.

> As to the Frankenstein designation - I'll take it with pride,
> but there is still lots of open space in the radio!

lol. don't encourage us!

regards,
phil :)

2885. Re: Going beyond Kiwa mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-13 13:10:42 UTC
From: atagrasin
Topic: 2880 Message: 2885

--- In icomr75@y..., "payman_a" <payman_a@y...> wrote:
> The discussion about mods has been very fascinating, but I am still
> left with one question: let's say you have an R75 (like me!) which
> has ALL the Kiwa mods (i.e., 450 kHz Filter Upgrade, Synchronous
> Detector Upgrade, and Audio Upgrade). Should I still do any of the
> mods described by our experts in this forum? Can I?
HI Payman:Yes I recomend the sensitivity mod MW [from Pete
Gianakopoulos]after this mod the R75 as having an MDS of .07 to .1uV
across their ranges.Check files in this group.The best all around mod
is the Phil's fidelity mod that increase the high freq range spectrum
of the audio and DSP.
Atagrasin.

2886. Re: Going beyond Kiwa mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-13 15:50:28 UTC
From: payman_a
Topic: 2880 Message: 2886

Thanks Phil and Atagrasin. Looks like the sensitivity mod may be worth trying, as well as Phil's fidelity mod. I have the Kiwa 'audio upgrade' ("Key components to the audio power amplifier are replaced to enhance clarity and definition.") and my R75 sounds very good with an external speaker. All I am concerned with is in replacing a Kiwa-inserted/changed device (resistor, ...) which may mess up the 'audio upgrade'. But if Phil's fidelity mod does not involves such a component, and deals with "original" R75 components, then I suppose I can try it.

payman

--- In icomr75@y..., "atagrasin" <k1c2@h...> wrote:
> HI Payman:Yes I recomend the sensitivity mod MW [from Pete
> Gianakopoulos]after this mod the R75 as having an MDS of .07 to .1uV
> across their ranges.Check files in this group.The best all around mod
> is the Phil's fidelity mod that increase the high freq range spectrum
> of the audio and DSP.
> Atagrasin.

2887. Re: [icomr75] Re: Going beyond Kiwa mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-13 16:25:45 UTC
From: Bruce Jensen
Topic: 2880 Message: 2887

--- atagrasin <k1c2@...> wrote:
> --- In icomr75@y..., "payman_a" <payman_a@y...> wrote:
> > The discussion about mods has been very fascinating, but I am still
> > left with one question: let's say you have an R75 (like me!) which
> > has ALL the Kiwa mods (i.e., 450 kHz Filter Upgrade, Synchronous
> > Detector Upgrade, and Audio Upgrade). Should I still do any of the
> > mods described by our experts in this forum? Can I?
> HI Payman:Yes I recomend the sensitivity mod MW [from Pete
> Gianakopoulos]after this mod the R75 as having an MDS of .07 to .1uV
> across their ranges.Check files in this group.The best all around mod
> is the Phil's fidelity mod that increase the high freq range spectrum
> of the audio and DSP.

Warning on the MW sensitivity mod: I live in a heavy MW RF signal area, and those signals are a major pain in the derriere on the lower HF frequencies. For a number of reasons I not think the radio itself is the culprit; but I would assume that, if the MW attenuation were to be implemented, it would not help the HF problems, and external attenuation would become totally necessary. Around a major urban area, I would not do it.

OTOH, in the rural areas away from major transmitters, I cannot see any reason not to do it. One would need to determine one's own sensitivity to this problem.

Bruce Jensen

_____
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2888. Rookie Mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-13 18:23:10 UTC
From: Bill Bean
Topic: 2888 Message: 2888

Hello to Phil and group;
My question is; what would br the best nd first
mod be to perform for someone who has only limited
electronics knowledge nd basic soldering skills? I
have done the dsp mod myself, so have hd the radio
succesfully opened. I have done some other radio
"fixes" such s re-ligning my FRG-8800, etc., but am
somewhat leary about starting a mod on my prized R-75,
and getting beyond my knowledge.
Thanks, all
Bill B
NE US

_____
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2889. Re: Rookie Mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-13 18:47:09 UTC
From: dukeofbecker
Topic: 2888 Message: 2889

I, too, am concerned about this.

I was an electrical engineering major in college some decades ago, but switched to math major. Though at one time I had significant soldering experience with ICs and circuit board components, I really haven't held a soldering iron in 20+ years.

I imagine I could do many of the mods here with no trouble...but there's no guarantee. I wonder if the "gamble" of doing it yourself is worth the money you save. Perhaps the limited return on this gamble would indicate it be best for us to play it safe and use the Kiwa pros on this one.

Still, I think I may try it myself. There are some nice "soldering practice" tips in Files section here...

What do you all think?

Carl

--- In icomr75@y..., Bill Bean <ae266bill@y...> wrote:
> Hello to Phil and group;
> My question is; what would br the best nd first
> mod be to perform for someone who has only limited
> electronics knowledge nd basic soldering skills? I
> have done the dsp mod myself, so have hd the radio
> succesfully opened. I have done some other radio
> "fixes" such s re-ligning my FRG-8800, etc., but am
> somewhat leary about starting a mod on my prized R-75,
> and getting beyond my knowledge.
> Thanks, all
> Bill B
> NE US
>
>
> _____
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2890. "Previous Frequency" button

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-13 18:50:07 UTC
From: dukeofbecker
Topic: 2890 Message: 2890

Is there a R-75 button to go back to "previous channel" as in TV remotes?

It seems such a feature would be quite useful in SWL, as many of or frequency entries often turn out dead.

Does the Sat 800 have such a feature?

Carl

2891. Re: [icomr75] "Previous Frequency" button

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-13 19:23:14 UTC
From: John Pickrell
Topic: 2890 Message: 2891

Carl,

I use "MEMO" location 1 for this purpose (as a scratch pad). Just dial it up before you start and then hit "M/W" (even if your unsure you want to return) and viola it's there.

John P.
----- Original Message -----
From: dukeofbecker
To: icomr75@yahoogroups.com
Sent: Wednesday, November 13, 2002 1:50 PM
Subject: [icomr75] "Previous Frequency" button

Is there a R-75 button to go back to "previous channel" as in TV remotes?

It seems such a feature would be quite useful in SWL, as many of or frequency entries often turn out dead.

Does the Sat 800 have such a feature?

Carl

To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

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[Non-text portions of this message have been removed]

2892. Re: Rookie Mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-14 01:51:05 UTC
From: atagrasin
Topic: 2888 Message: 2892

--- In icomr75@y..., Bill Bean <ae266bill@y...> wrote:
> Hello to Phil and group;
> My question is; what would br the best nd first
> mod be to perform for someone who has only limited
> electronics knowledge nd basic soldering skills? I
HI Bill: go for the AGC mod.A very easy mod.Take one 220uf
electrolitic capacitor and install the + in pin 4 and - to ground of
the MC1022 sync det IC.Check "files" in this group.You can use a thin
wire between the Cap and the IC.
> _____
> Do you Yahoo!?
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2893. Antex Iron Cost?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-14 02:01:26 UTC
From: Bill Brady
Topic: 2888 Message: 2893

I went to the Antex site but found no prices. How much is the M/3U?

Thanks!

--Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest hour that the most stars come out.

[Non-text portions of this message have been removed]

2894. Re: Going beyond Kiwa mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-14 02:06:37 UTC
From: atagrasin
Topic: 2880 Message: 2894

> Warning on the MW sensitivity mod: I live in a heavy MW RF signal
area,
> and those signals are a major pain in the derriere on the lower HF
> frequencies. For a number of reasons I not think the radio itself
is the
> culprit; but I would assume that, if the MW attenuation were to be
> implemented, it would not help the HF problems, and external
attenuation
> would become totally necessary. Around a major urban area, I would
not do
> it.
HI Bruce :About your warning post, I read from Pete Gianakopoulos
[the sensitivity mod designer] this:I am within 4 miles of three 50kW
MW stationns, and have
not run into an crossmodulation problems with the R75 unit [after the
sensitivity mod..]I live within 2 miles of a MW station and I have
the sensitivity mod and I don't have any problem.Do the mod an report
back.
Regards Atagrasin

2895. Re: Antex Iron Cost?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-14 02:11:21 UTC
From: atagrasin
Topic: 2888 Message: 2895

--- In icomr75@y..., Bill Brady <wmbrady@c...> wrote:
> I went to the Antex site but found no prices. How much is the M/3U?
>
> Thanks!
HI Bill I see one in walmart for $11.99 [not a Antex]but with a very
fine tip,check for yourself and don't forguet a good magnifier.
> --Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the
darkest
> hour that the most stars come out.
>
>
>
>
> [Non-text portions of this message have been removed]

2896. Re: Antex Iron Cost?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-14 04:38:02 UTC
From: just_rtfm
Topic: 2888 Message: 2896

hi Bill:

the Antex iron is ~$25 US. i have two tips: 8-I needle tip and 56-IC chisel tip.

phil :)

2897. Re: Going beyond Kiwa mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-14 04:40:09 UTC
From: just_rtfm
Topic: 2880 Message: 2897

hi payman:

i believe Kiwa's audio mod replaces capacitors... companies are notorious for using cheap caps to cut costs. please read my message to Bill and Carl regarding soldering.

phil :)

2898. Re: Rookie Mods

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-14 04:53:11 UTC
From: just_rtfm
Topic: 2888 Message: 2898

hi Bill and Carl:

do not gamble with your precious R75. please read the soldering course in the files section... then get an old surface-mount PCB (ex. cell-phone) and practice. when you can consistently solder a piece of wire-wrap to a resistor or chip leg in a few seconds THEN think about doing the mods.

IMO the mods should be done in this order: AM-AGC, Sync-AM, and last fidelity. i added the fidelity mod in ~2 minutes. this mod can be reversed in 15 seconds... but i am certain you will find it a keeper. maybe Kiwa will offer the mod to their customers.

phil :)

2899. $19 Filter Mod Error

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-14 05:41:00 UTC
From: just_rtfm
Topic: 2899 Message: 2899

hi everyone:

Enrique noted that my cheap ceramic filter mod (one with no R75 soldering) has different pin orientations than another posted photo. it appears i placed the pins in the wrong holes (link, top pic). i would appreciate if someone (Gert, Craig, etc.) could confirm the proper orientation (link, bottom pic): please look up a murata schematic (some are vague and do not show the metal orientation tab) and the R75 schematic (the schematic numbers do not correspond to the PCB J88X numbers).

i appologize for the error and the PDF will be changed as soon as the error can be confirmed. i want to thank Enrique for bringing this to my attention. Enrique and others have been doing these ceramic filter mods for some time.

http://members.truepath.com/justrtfm/check.jpg

regards,
phil :)

2900. Re: [icomr75] Re: Antex Iron Cost?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-14 06:05:19 UTC
From: Bill Brady
Topic: 2888 Message: 2900

just_rtfm Wrote:

hi Bill:

the Antex iron is ~$25 US. i have two tips: 8-I needle tip and 56-IC chisel tip.

phil :)

Thanks Phil,
I have been looking at soldering stations all night. I have several ancient pieces of soldering equipment but the minimum wattage is around 20W uncontrolled but I can't be sure because the data have rubbed off and I can't find the instructions <sigh>. I am about to get out the ammeter and measure their consumption. Then there is the question of replacement tips, which is which.

Right now I am wondering what "ESD Safe" means. There are several temp controlled irons (stations) out there in the $90-$100 range, some ESD Safe. I guess the SD in ESD stands for surface device... Then there are analog and digital types. I retired long before surface mounted devices arrived in any quantity so I have almost zero experience with them.

Years ago I was NASA certified to solder, you know, if you can see any solder on the finished joint you flunk. But things have changed and I'm not sure these old hands and eyes are in sync any longer. But I have a burning desire (pun intended) to do your fidelity mod.

I do know that temp is only one critical factor, magnetic flux can fry chips, especially CMOS. (They still make CMOS right?)

Anyway, I have the R-75 & M800 feeding a fairly high-fi audio system via a Berringer mixer. I can slide back and forth from one to the other. The R-75 sounds like it's in a barrel as compared to the M-800. The Berringer has 3 true tone controls (=- not lossy) and I can twiddle and get the R-75 almost there.

Sorry for the ramble, I guess I am frustrated, 5 or 6 Irons and I don't know the wattage of any.

BTW, Radio Shack has a sexy looking station with digital temp readout (350°-840°f) for $99. Tempting...

--Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest hour that the most stars come out.

[Non-text portions of this message have been removed]

2901. Re: $19 Filter Mod Error

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-14 13:43:00 UTC
From: craigm55901
Topic: 2899 Message: 2901

--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> hi everyone:
>
> Enrique noted that my cheap ceramic filter mod (one with no R75
> soldering) has different pin orientations than another posted photo.
> it appears i placed the pins in the wrong holes (link, top pic). i
> would appreciate if someone (Gert, Craig, etc.) could confirm the
> proper orientation (link, bottom pic): please look up a murata
> schematic (some are vague and do not show the metal orientation tab)
> and the R75 schematic (the schematic numbers do not correspond to the
> PCB J88X numbers).
>
> i appologize for the error and the PDF will be changed as soon as the
> error can be confirmed. i want to thank Enrique for bringing this to
> my attention. Enrique and others have been doing these ceramic filter
> mods for some time.
>
> http://members.truepath.com/justrtfm/check.jpg
>
> regards,
> phil :)

Can't tell from the photo, but the ground pair on the radio (inner or outer pair will register as a DC short (0 ohms). The same should be true on the filter.

2902. RE: [icomr75] Re: Antex Iron Cost?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-14 15:28:20 UTC
From: HFSSB
Topic: 2888 Message: 2902

They advertise 20% discount on Antex
http://www.hmcelectronics.com/

-----Original Message-----
From: Bill Brady

the Antex iron is ~$25 US. i have two tips: 8-I needle tip and 56-IC
chisel tip.

phil :)

2903. Re: Antex Iron Cost?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-14 22:32:40 UTC
From: LarryR
Topic: 2888 Message: 2903

Bill,

ESD stands for Electrostatic Discharge. Very bad for chips. I think they mean the iron is grounded (and so should be the device being soldered). Then again, it could be the opposite.

BTW, they still do CMOS. In fact, that's mostly all they do. The other stuff (NMOS, bipolar) isn't seen much anymore.

Larry

--- In icomr75@y..., Bill Brady <wmbrady@c...> wrote:
> just_rtfm Wrote:
>
> hi Bill:
>
> the Antex iron is ~$25 US. i have two tips: 8-I needle tip and 56-IC
> chisel tip.
>
> phil :)
>
> Thanks Phil,
> I have been looking at soldering stations all night. I have several ancient
> pieces of soldering equipment but the minimum wattage is around 20W
> uncontrolled but I can't be sure because the data have rubbed off and I
> can't find the instructions <sigh>. I am about to get out the ammeter and
> measure their consumption. Then there is the question of replacement tips,
> which is which.
>
> Right now I am wondering what "ESD Safe" means. There are several temp
> controlled irons (stations) out there in the $90-$100 range, some ESD Safe.
> I guess the SD in ESD stands for surface device... Then there are analog and
> digital types. I retired long before surface mounted devices arrived in any
> quantity so I have almost zero experience with them.
>
> Years ago I was NASA certified to solder, you know, if you can see any
> solder on the finished joint you flunk. But things have changed and

I'm not
> sure these old hands and eyes are in sync any longer. But I have a
burning
> desire (pun intended) to do your fidelity mod.
>
> I do know that temp is only one critical factor, magnetic flux can
fry
> chips, especially CMOS. (They still make CMOS right?)
>
> Anyway, I have the R-75 & M800 feeding a fairly high-fi audio
system via a
> Berringer mixer. I can slide back and forth from one to the other.
The R-75
> sounds like it's in a barrel as compared to the M-800. The
Berringer has 3
> true tone controls (=- not lossy) and I can twiddle and get the R-
75 almost
> there.
>
> Sorry for the ramble, I guess I am frustrated, 5 or 6 Irons and I
don't know
> the wattage of any.
>
> BTW, Radio Shack has a sexy looking station with digital temp
readout
> (350°-840°f) for $99. Tempting...
>
> --Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the
darkest
> hour that the most stars come out.
>
>
>
>
> [Non-text portions of this message have been removed]

2905. Macintosh software to control R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-15 03:44:15 UTC
From: vr500pjh
Topic: 2905 Message: 2905

Greetings,

I've been working on a software project to allow my Mac to control
my R75. Since this is not a trivial project I plan to distribute
it commercially. My intention was to reduce the tedium of entering
frequencies manually, and to make the R75 much more convenient to
use. For example I wanted to be able to see a spectrum showing
all the activity within a range of frequencies and to be able to
navigate back and forth from one peak to the next using mouse-clicks.
I also wanted to be able to load subsets of frequencies grouped
according to my interests (one file of ICAO frequencies, another
of broadcasts, another of maritime, another of wxfax etc.)

What would Mac users on this list consider to be
a reasonable price for such software?

Here is a list of its current capabilities:

Mode Control - select SSB/CW-RTTY/FM/AM

Signal control - ANF/NR/NB/ATT/AGC/ANT

Volume control

Squelch control

Passband 1 and Passband 2 control

Frequency list importing

Frequency list scanning - arbitrarily limited to 1000 freqs.

Frequency list exporting to the R75 (99 freqs. only)

Spectrum Display

- user specifies bandpass, number of samples, and
how many sweeps to make

Multiple sweeps allow for the spectra to be
averaged which increases the sensitivity.

- user can select between spectra such as
S-Levels

Differentials

Deconvolved S-Levels

Activity (Max minus Min s-level at each freq.)

- Clicking on the spectrum display sets the
R75 to the corresponding frequency

The software is nearly complete and I've decided to just finish
off the current version with only one or two additional features
and leave other major enhancements I have in mind to later upgrades.
This means I could release it by month's end - assuming I encounter
no major design problems.

So, what do the Mac users think would be a ballpark fair price for
this software?

Regards,

PH

Padraig Houlahan
phoulahan@...

2906. Re: Antex Iron Cost?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-15 05:51:50 UTC
From: just_rtfm
Topic: 2888 Message: 2906

howdy Bill:

> I have been looking at soldering stations all night.

some are expensive! my first Antex is 20+ years old... bought another just for the needle tip. they are efficient: 12 Watts but they achieve a tip temperature of 625 F. as Larry said: ESD refers to electro-static discharge... some use anti-static mats, wrist-straps, and grounded soldering tips.

> Years ago I was NASA certified to solder

i did some soldering at a defense contractor long ago. you'll pick it up again fast. i practiced by putting about 25 pieces of wire wrap onto an old cellular phone PCB... it gets to the point where it is no longer a challenge.

> (They still make CMOS right?)

oh yeah! low power is in! AFAIK CMOS is used for memory, CPUs, digital logic, ASIC...

> The R-75 sounds like it's in a barrel as compared to the M-800.

perfect description! before the mod my R75 sounded like it was on the other side of a wall. some feel that ICOM's audio is inherently horrible... not so! when i compared the R75 schematics to those of other receivers what i found is that the R75 is very well designed; however, it is geared toward SSB (ham) where those tight active filters make perfect sense. i am just thankful ICOM overdesigned the DSP! make sure to do the AM-AGC mod and then Rado's or John's mod or Kiwa mods first.

phil :)

2907. Re: $19 Filter Mod Error

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-15 06:29:14 UTC
From: just_rtfm
Topic: 2899 Message: 2907

hi everyone:

i followed Criag's advice and got out my multimeter (letters refer to pictures in link below):

http://members.truepath.com/justrtfm/correct.gif

'A' shows the schematic in Files section Murata PDF... unfortunately the orientation tab is not shown. the net yielded only one document with the tab orientation for the CFS455 series filter... shown in 'B' (also in my PDF). notice the green circle around the orientation tab... AFAIK if this had been a dashed line then this would have been a view from the top of the filter (aka side where only metal is seen)... since it is solid we must be looking at the bottom (aka the side where the wires protrude). notice how the side with the orientation tab also contains the grounds (pins 2 & 4). i confirmed this with a multimeter (resistance tested): '2-4' revealed 0.3 ohms [aka both are grounds]... whereas '1-2', '1-3', '1-4', '2-3', and '3-4' revealed 1.5 Mega-ohms+.

'C' shows the filter socket schematic... notice '2' in purple. 'D' shows a stock ceramic filter... notice that the purple circle corresponds to an input (red circle). bottom line: the J88X designations do no correspond to these numbers. 'E' shows the 455 kHz optional filter socket as viewed from the front. multimeter testing for AC voltage (black lead grounded, radio running) revealed the following: red lead to J881 lead to 'higher' voltage: J881 is IF signal input to the filter. J882 and J883 lead to 'low' voltage: J882 and J883 are the grounds. J884 lead to an audio spike when touched: J884 is the filter output line.

assuming (i know, bad word) that murata's schematic is in fact shown from the pin side then the orientation in my PDF is incorrect... the input and output lines are switched. i have used the filter in this position for many months... i fixed it and noticed no difference. a possible explaination: murata states that the filter is a 15-element (odd-numbered) ceramic of ladder construction having the same input and output impedance. 'E' shows what a 5-element ladder filter looks like (as per Murata PDF)... notice the symmetry... a 15-element is similar. i e-mailed murata but their only response to all my questions was something to the effect of "we recommend connecting as show" (hey, at least they wrote me back).

unless someone can find any flaw in the above i will be making changes to my filter PDF (hopefully this weekend). i will briefly mention the murata schematic orientation and my findings for the J88X

pins. i again apologize for the inconvenience my error has caused. i wish to thank both Enrique and Craig.

regards,
phil :)

2908. Re: [icomr75] Macintosh software to control R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-15 10:36:13 UTC
From: Bill Brady
Topic: 2905 Message: 2908

vr500pjh Wrote:

So, what do the Mac users think would be a ballpark fair price for this software?

Regards,

PH

Padraig Houlahan

Ball Park: $50-$75.

--Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest hour that the most stars come out.

[Non-text portions of this message have been removed]

2909. Re: [icomr75] Re: Antex Iron Cost?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-15 10:46:22 UTC
From: Bill Brady
Topic: 2888 Message: 2909

just_rtfm Wrote:

perfect description! before the mod my R75 sounded like it was on the other side of a wall. some feel that ICOM's audio is inherently horrible... not so! when i compared the R75 schematics to those of other receivers what i found is that the R75 is very well designed; however, it is geared toward SSB (ham) where those tight active filters make perfect sense. i am just thankful ICOM overdesigned the DSP! make sure to do the AM-AGC mod and then Rado's or John's mod or Kiwa mods first.

phil :)

Thanks for the encouragement Phil,

I spent the rest of the day attempting to re-repair my ICF 2010. I discovered that in a previous attempt I had almost covered two surface mount resistors! I do need a better iron. I ordered the Antex 15W (they didn't stock the 12) from HCM.

I have discovered that turning off the DSP makes the radio sound much better. The Sync and AGC mods were done before I bought the radio.

BTW, does the R-75 have glass-epoxy boards? They claim "commercial quality".

--Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest hour that the most stars come out.

[Non-text portions of this message have been removed]

2911. Re: [icomr75] Macintosh software to control R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-15 13:13:52 UTC
From: Scott C. Gray
Topic: 2905 Message: 2911

Sounds interesting. How do you handle the mac interface to the Icom RS-232
computer port? What OS are you developing it for? OS9 or OSX?

Scott

vr500pjh wrote:

> Greetings,
>
> I've been working on a software project to allow my Mac to control
> my R75. Since this is not a trivial project I plan to distribute
> it commercially. My intention was to reduce the tedium of entering
> frequencies manually, and to make the R75 much more convenient to
> use. For example I wanted to be able to see a spectrum showing
> all the activity within a range of frequencies and to be able to
> navigate back and forth from one peak to the next using mouse-clicks.
> I also wanted to be able to load subsets of frequencies grouped
> according to my interests (one file of ICAO frequencies, another
> of broadcasts, another of maritime, another of wxfax etc.)
>
> What would Mac users on this list consider to be
> a reasonable price for such software?
>
> Here is a list of its current capabilities:
>
> Mode Control - select SSB/CW-RTTY/FM/AM
>
> Signal control - ANF/NR/NB/ATT/AGC/ANT
>
> Volume control
>
> Squelch control
>
> Passband 1 and Passband 2 control
>
> Frequency list importing
>
> Frequency list scanning - arbitrarily limited to 1000 freqs.
>
> Frequency list exporting to the R75 (99 freqs. only)
>
> Spectrum Display
>
> - user specifies bandpass, number of samples, and
> how many sweeps to make
>

> Multiple sweeps allow for the spectra to be
> averaged which increases the sensitivity.
>
> - user can select between spectra such as
> S-Levels
>
> Differentials
>
> Deconvolved S-Levels
>
> Activity (Max minus Min s-level at each freq.)
>
> - Clicking on the spectrum display sets the
> R75 to the corresponding frequency
>
> The software is nearly complete and I've decided to just finish
> off the current version with only one or two additional features
> and leave other major enhancements I have in mind to later upgrades.
> This means I could release it by month's end - assuming I encounter
> no major design problems.
>
> So, what do the Mac users think would be a ballpark fair price for
> this software?
>
> Regards,
>
> PH
>
> Padraig Houlahan
> phoulahan@...
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
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2912. RE: [icomr75] Re: $19 Filter Mod Error

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-15 20:04:06 UTC
From: Enrique A. Wembagher
Topic: 2899 Message: 2912

> (also in my PDF). notice the green circle around the orientation
> tab... AFAIK if this had been a dashed line then this would have been
> a view from the top of the filter (aka side where only metal is
> seen)... since it is solid we must be looking at the bottom (aka the
> side where the wires protrude). notice how the side with the
> orientation tab also contains the grounds (pins 2 & 4). i confirmed
> this with a multimeter (resistance tested): '2-4' revealed 0.3 ohms
> [aka both are grounds]... whereas '1-2', '1-3', '1-4', '2-3', and '3-
> 4' revealed 1.5 Mega-ohms+.

The normal thing would be that in the Murata catalog the filter was seen
from below, with the pins toward the face. But there is not relationship
with the check with a multimeter and in any place it is indicated which is I
and O.

> 'C' shows the filter socket schematic... notice '2' in purple. 'D'
> shows a stock ceramic filter... notice that the purple circle
> corresponds to an input (red circle). bottom line: the J88X
> designations do no correspond to these numbers. 'E' shows the 455 kHz
> optional filter socket as viewed from the front. multimeter testing
> for AC voltage (black lead grounded, radio running) revealed the
> following: red lead to J881 lead to 'higher' voltage: J881 is IF
> signal input to the filter. J882 and J883 lead to 'low' voltage: J882
> and J883 are the grounds. J884 lead to an audio spike when touched:
> J884 is the filter output line.

This is also determined, because in the diagram MAIN UNIT(2) it is seen that
the resister R884 belongs together with J884 following the logic of 884 and
with R881 idem for J881.

> (odd-numbered) ceramic of ladder construction having the same input
> and output impedance. 'E' shows what a 5-element ladder filter looks
> like (as per Murata PDF)... notice the symmetry... a 15-element is

I agree, apparently he works in bidirectional form

> unless someone can find any flaw in the above i will be making
> changes to my filter PDF (hopefully this weekend). i will briefly
> mention the murata schematic orientation and my findings for the J88X
> pins. i again apologize for the inconvenience my error has caused. i
> wish to thank both Enrique and Craig.

ok, thanks for you work in the group.

73?s
Enrique Wembagher

2913. question about audio conrol

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-15 20:16:22 UTC
From: usnoc
Topic: 2913 Message: 2913

hi,

i received my R75 yesturday and noticed that the audio knob does not increase volume gradually at the very beginning of the volume range.

in other words, turning the volume up from its zero position does not seem to have much effect until after it is turned by a few degrees at which point the volume increases "discretely". after that there is no problem.

has anyone seen it? is it by design?

thanks
konst

2914. Re: [icomr75] question about audio conrol

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-15 20:42:15 UTC
From: Bruce Jensen
Topic: 2913 Message: 2914

--- usnoc <konsu@...> wrote:
> hi,
>
> i received my R75 yesturday and noticed that the audio knob does not
> increase volume gradually at the very beginning of the volume range.
>
> in other words, turning the volume up from its zero position does not
> seem to have much effect until after it is turned by a few degrees at
> which point the volume increases "discretely". after that there is no
> problem.
>
> has anyone seen it? is it by design?

I think this is common. Mine does it too. To achieve smooth volume
control within that very low range, the RF gain needs to be used. Goofy.

Bruce Jensen

_____
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2915. RE: [icomr75] question about audio conrol

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-15 23:12:22 UTC
From: TH
Topic: 2913 Message: 2915

Yeah, mine is that way also. I just run the audio through a set of computer speakers. I leave the R75 knob in a fixed position and adjust volume on the externals.

-----Original Message-----
From: Bruce Jensen [mailto:bpnjensen@...]
Sent: Friday, November 15, 2002 3:42 PM
To: icomr75@yahoogroups.com
Subject: Re: [icomr75] question about audio conrol

--- usnoc <konsu@...> wrote:
> hi,
>
> i received my R75 yesturday and noticed that the audio knob does not
> increase volume gradually at the very beginning of the volume range.
>
> in other words, turning the volume up from its zero position does not
> seem to have much effect until after it is turned by a few degrees at
> which point the volume increases "discretely". after that there is no
> problem.
>
> has anyone seen it? is it by design?

I think this is common. Mine does it too. To achieve smooth volume control within that very low range, the RF gain needs to be used. Goofy.

Bruce Jensen

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icomr75-unsubscribe@egroups.com

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[Non-text portions of this message have been removed]

2916. Re: Macintosh software to control R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-15 23:36:45 UTC
From: vr500pjh
Topic: 2905 Message: 2916

--- In icomr75@y..., "Scott C. Gray" <scottcgray@a...> wrote:
> Sounds interesting. How do you handle the mac interface to the Icom RS-232
> computer port? What OS are you developing it for? OS9 or OSX?
>
> Scott
>

I'm using the Icom level converter which has a db25
connector. I have been able to talk to the converter by either
going directly from the modem port (round connector) on a G3
or using a keyspan Serial-USB converter into a USB pci
card I added to the G3.

Since it runs fine using USB-Serial converters on OS9 I don't
anticipate any (ahem!) problems with OS X.

PH
Padraig Houlahan
phoulahan@...

2917. Re: [icomr75] Re: Macintosh software to control R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-16 00:02:27 UTC
From: Bill Brady
Topic: 2905 Message: 2917

vr500pjh Wrote:

Since it runs fine using USB-Serial converters on OS9 I don't anticipate any (ahem!) problems with OS X.

I guess that you are running OS9 on a G3. Is it a Blue & While?

Please don't forget to include us OS 8.x folks!

--Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest hour that the most stars come out.

[Non-text portions of this message have been removed]

2918. optional carry strap MB-23

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-16 00:37:57 UTC
From: Albert Menzl
Topic: 2918 Message: 2918

I got my new R75 the other day. The optional carry strap is mounted with a pair of screws into unthreaded holes in the side of the case (kind of lame). The idea is that the screws will set their own threads when screwed in. The set of screws that came with my strap where the wrong kind and I managed to strip one of the holes out. Luckily I live in Seattle, so I drove over to the support facility in Bellevue and they fixed it by replacing the radios case. Seems my attempt to set the screw made the hole too large.

If you order this option make sure that the screws you get have a slight taper at the very end (mine didn't) so that they can start into the hole and set there own threads.

Al

2919. DSP

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-16 02:47:52 UTC
From: Jim
Topic: 2919 Message: 2919

I have had my R-75 a few weeks now and have gotten accustomed to using it. I have not done any mods to it yet and I don't know that I will in the future. I have been using my JPS NIR-10 DSP unit with it and I think it is probably more effective and definitely more versatile than the UT-106. I also have used a Yaesu FRT-7700 antenna tuner with it for awhile but found it to be of little value in most of the tuning ranges I listen to (nothing below 3Mhz). I am using a long wire (120' @30 ft). I like the radio very much and have been using some of the cookbook tricks to enhance reception. I am a licensed ham (K0JAD) but I am in a listening mode only these days. I owned a Icom R71A and enjoyed it but I think this receiver is more sensitive. In short, I am a happy camper.

2920. Re: [icomr75] optional carry strap MB-23

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-16 03:00:39 UTC
From: Alan Lloyd
Topic: 2918 Message: 2920

My experience was almost as bad - the screws I got worked -- but not very well -- it would be VERY easy to strip the threads on the case with the supplied screws -- If you add this option, just be very careful when you screw in the fasteners. Also -- it is a poor design in that you have to remove the strap just to get at the case fasteners to remove the top half of the case. Doing this much will surely make the strap fasteners loosen, given the already poor ability to get them tight. I pretty much bought the strap because it was the last Icom accessory to get - so mine was never meant to be functional. . . . its a good thing.

Alan,
K0ADL
----- Original Message -----
From: Albert Menzl
To: icomr75@yahoogroups.com
Sent: Friday, November 15, 2002 5:37 PM
Subject: [icomr75] optional carry strap MB-23

I got my new R75 the other day. The optional carry strap is mounted
with a pair of screws into unthreaded holes in the side of the case (kind of
lame). The idea is that the screws will set their own threads when screwed
in. The set of screws that came with my strap where the wrong kind and I
managed to strip one of the holes out. Luckily I live in Seattle, so I
drove over to the support facility in Bellevue and they fixed it by
replacing the radios case. Seems my attempt to set the screw made the hole
too large.

If you order this option make sure that the screws you get have a slight
taper at the very end (mine didn't) so that they can start into the hole and
set there own threads.

Al

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icomr75-unsubscribe@egroups.com

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[Non-text portions of this message have been removed]

2921. Re: optional carry strap MB-23

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-16 12:18:56 UTC
From: Bob
Topic: 2918 Message: 2921

--- In icomr75@y..., "Alan Lloyd" <k0adlr75@h...> wrote:
> My experience was almost as bad - the screws I got worked -- but not very well -- it would be VERY easy to strip the threads on the case with the supplied screws -- If you add this option, just be very careful when you screw in the fasteners. Also -- it is a poor design in that you have to remove the strap just to get at the case fasteners to remove the top half of the case. Doing this much will surely make the strap fasteners<snip>

I got the optional voice synthesizer and the carry strap in the mail and proceeded to install both of them. The voice board was easy enough to install. I am underwhelmed by its performance though. It works but the audio level is quite low and is dependent on af gain so the voice annoucement is pretty well buried in the received signal. I like gadgets so I just HAD to have it. Oh well, it isn't the first thing I ever bought that was unimpressive.

NOW, the carry strap. The screws with it work-sorta. I got them into the holes but they won't tighten up. So the chrome end covers for the strap wobble around when you grab the strap. The teeny little screws for the rubber feet on the other side of the case go in maybe 1/8 inch. I was scared to tighten these very much. I'll probably take the strap and feet off , box them up and toss them in a drawer.. I certainly wouldn't trust the strap to carry $500+ worth of radio.

Bob KB0XR Coon Rapids, MN
>
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@e...
>
>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
> [Non-text portions of this message have been removed]

2922. R75 NOISE SUBJECT - CHAT

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-16 13:28:53 UTC
From: The Internet Repair Shop
Topic: 2922 Message: 2922

So much information on the Mods of the R75, I just wanted to comment that the Noise Blanker is the best I've ever seen on a receiver, no damage is done to the Audio Component.

Now tell me this all you Hacking Guru's, The ANF seems like it should be called Automatic Interferance Filter for Heterodynes, But exactly, what is the NR supposed to do and what should the LEVEL be set at??

I don't see any differance only it chops the Audio down........

Here's another area for a MOD maybe......

Andy's ELectronics
WB0OAF
==========

=====
++++++++++++++++++++ NEW SITE ++++++++++++++++++++
http://home.att.net/~miller.andrew.j.n/index.html

SAVE the new Link above to your BookMarks or Favorite!
++

READ THIS LINK: http://www.paypalwarning.com/Default.htm

Do you Yahoo!?
Yahoo! Web Hosting - Let the expert host your site
http://webhosting.yahoo.com

2923. Re: optional carry strap MB-23

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-16 15:24:21 UTC
From: Jim Hackett
Topic: 2918 Message: 2923

A tip on the voice synthesizer that I use:

When stamping a recording with the voice synthesizer, I turn the squelch to maximum momentarily. This will cut the sound of the signal you are listening to and won't affect the speech volume.

> I got the optional voice synthesizer and the carry strap in the mail
> and proceeded to install both of them. The voice board was easy
> enough to install. I am underwhelmed by its performance though. It
> works but the audio level is quite low and is dependent on af gain so
> the voice annoucement is pretty well buried in the received signal.
> I like gadgets so I just HAD to have it. Oh well, it isn't the first
> thing I ever bought that was unimpressive.

2924. Re: R75 NOISE SUBJECT - CHAT

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-16 15:38:13 UTC
From: atagrasin
Topic: 2922 Message: 2924

> the NR supposed to do and what should the LEVEL be set at??
>
> I don't see any differance only it chops the Audio down........
>
> Here's another area for a MOD maybe......
HI Andy:Try the Phi'ls fidelity mod and then set the NR level to 5
and then report back.
Atagrasin.

2925. Re: Macintosh software to control R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-16 19:44:35 UTC
From: Leigh Hanlon
Topic: 2905 Message: 2925

On 11/16/02 3:50 AM, "icomr75@yahoogroups.com" <icomr75@yahoogroups.com>
wrote:

> Re: Macintosh software to control R75

I'd pay $75-$100 for such software, as long as it operates under OS X.

Leigh Hanlon
Chicago, USA

2926. Taking my R-75 on the road.

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-16 21:11:48 UTC
From: Lloyd
Topic: 2926 Message: 2926

I am going on a long trip over the Thanksgiving Holiday week. I would like to know how use the R-75 through a cigarette lighter. DO i have to purchase the Icom brand cord, or does Radio Shack offer a cheaper soultion? For a antenna, I have a 40m hamstick, for a antenna.

Anyone ever used thier R-75 moble? Please advise.

Lloyd/N0VFP

2927. $400 R75 on ebay

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-17 01:04:46 UTC
From: payman_a
Topic: 2927 Message: 2927

There is what appears to be a nice clean R75 with the DSP option, with a buy it now price of $400 on ebay. See http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=802449449

(I am not the seller, nor do I know him/her - it is just that the price seems good!).

payman

2928. Re: [icomr75] $400 R75 on ebay

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-17 02:56:01 UTC
From: Bill Dean
Topic: 2927 Message: 2928

I don't know if ICOM is still running the in-store rebate program (or even if it was ICOM and not a HRO rebate) but I picked up a R75 with UT-106 last weekend for $492.

Regards,
Bill Dean
----- Original Message -----
From: payman_a
To: icomr75@yahoogroups.com
Sent: Saturday, November 16, 2002 5:04 PM
Subject: [icomr75] $400 R75 on ebay

There is what appears to be a nice clean R75 with the DSP option,
with a buy it now price of $400 on ebay. See
http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=802449449

(I am not the seller, nor do I know him/her - it is just that the
price seems good!).

payman

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icomr75-unsubscribe@egroups.com

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[Non-text portions of this message have been removed]

2929. Re: $400 R75 on ebay

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-17 04:08:23 UTC
From: payman_a
Topic: 2927 Message: 2929

Icom is currently giving the UT-106 for free. I think you can pick up
a brand new R75 with DSP for $529 or less (KJI Electronics).

payman

--- In icomr75@y..., "Bill Dean" <billdean@c...> wrote:
> I don't know if ICOM is still running the in-store rebate program
(or even if it was ICOM and not a HRO rebate) but I picked up a R75
with UT-106 last weekend for $492.
>
> Regards,
> Bill Dean

2931. Re: Macintosh software to control R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-17 05:38:27 UTC
From: vr500pjh
Topic: 2905 Message: 2931

--- In icomr75@y..., Bill Brady <wmbrady@c...> wrote:
> vr500pjh Wrote:
>
> Since it runs fine using USB-Serial converters on OS9 I don't
> anticipate any (ahem!) problems with OS X.
>
> I guess that you are running OS9 on a G3. Is it a Blue & While?
>
> Please don't forget to include us OS 8.x folks!
>
> --Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest=

> hour that the most stars come out.

I haven't. There will be a version for OS X and one for Classic
Macs - the latter should be fine for OS8.

PH

2932. Re: [icomr75] Re: $400 R75 on ebay

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-17 06:58:40 UTC
From: Bill Brady
Topic: 2927 Message: 2932

payman_a Wrote:

Icom is currently giving the UT-106 for free. I think you can pick up
a brand new R75 with DSP for $529 or less (KJI Electronics).

payman

--- In icomr75@y..., "Bill Dean" <billdean@c...> wrote:
> I don't know if ICOM is still running the in-store rebate program
(or even if it was ICOM and not a HRO rebate) but I picked up a R75
with UT-106 last weekend for $492.
>
> Regards,
> Bill Dean

Hi Guys,
Makes one wonder if the DSP is worth anything. I like my R-75 a lot better
with it turned off. Is DSP just another fad like AM Stereo that'll fade into
the sunset?

Famous WWII radio signal: "Where is Halsey? The world wonders"

--Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest
hour that the most stars come out.

[Non-text portions of this message have been removed]

2933. Re: Antex Iron Cost?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-17 09:30:50 UTC
From: just_rtfm
Topic: 2888 Message: 2933

hi Bill!

> Thanks for the encouragement Phil,

np... with your experience it will be easy after practice.

> I discovered that in a previous attempt I had
> almost covered two surface mount resistors!

this why i pre-charge the wire with solder... there is not enough
solder to flow onto the next component.

> The Sync and AGC mods were done before I bought the radio.

great!

> BTW, does the R-75 have glass-epoxy boards?
> They claim "commercial quality".

yes, glass epoxy as per Pete.

phil :)

2934. Re: $19 Filter Mod Error

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-17 09:33:44 UTC
From: just_rtfm
Topic: 2899 Message: 2934

hi Enrique!

thank you for your commentary... i will be using your excellent e-mail drawing to confirm with the inside of the radio.

phil :)

2935. Re: R75 NOISE SUBJECT - CHAT

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-17 10:26:18 UTC
From: just_rtfm
Topic: 2922 Message: 2935

hi Andy and Bill:

> the Noise Blanker is the best I've ever seen on a receiver

yes, the R75 has a good NB.

> I don't see any differance only it chops the Audio down

little rant... IMO an ANF is better than fooling with manual ones and NR can save your ears! ICOM has this nice feature because it already spent the R&D money making the unit for its ham line!

yes, stock, the DSP (3-4 optimal setting) can sometimes make the R75 (using Bill's analogy) sound like it's further down inside that barrel! IMO after the fidelity mod the DSP emits a nicer sound.

how? how can cold weather alter an internal combustion engine's horsepower output? answer: via the input... post-mod the DSP and our ears are being fed higher frequencies. the DSP algorithm, designed for up to 5000 Hz, may even respond differently depending on what it is fed... just as an engine may respond to cold (dense) air with more oxygen content. i am able to turn the NR up much further now.

this is a audio scope plot of a similar noise signal both with and without noise reduction... the amplitude (distance from blue line) drops. i keep NR cranked up while DXing or 'surfing'... my ears are thankful.

http://members.truepath.com/justrtfm/Dsp_nr.gif

phil :)

2936. Help Needed: Voice Synthesizer Volume

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-17 12:17:18 UTC
From: just_rtfm
Topic: 2936 Message: 2936

this post is in response to comments by Bob (KB0XR)...

> The voice board was easy enough to install.
> I am underwhelmed by its performance though.
> It works but the audio level is quite low

the block diagram shows what appears to be a variable resistor (red)
that sets the speech level for the UT-102...

http://members.truepath.com/justrtfm/ut102a.gif

the schematic shows this resistor on the board...

http://members.truepath.com/justrtfm/ut102b.gif

i took pictures of this region while documenting the fidelity mod. if
anyone has adjusted this resistor please speak up and confirm its
function, location, what plastic item you used to turn the pot, and
any tips. note the position of the pre-amp chip (yellow), R1254
variable resistor (red circle), and R1254 board markings (red
rectangle) [all are close to the front left corner of the PCB].

http://members.truepath.com/justrtfm/ut102c.jpg

Bob, i do not own the UT-102 so please do not make any changes based
on the above... lets just sit back and wait for some feedback!

regards,
phil :)

2937. Off Topic - ILG Database Password

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-17 14:56:28 UTC
From: artret2001
Topic: 2937 Message: 2937

Is anyone in the group using the free ILG database? I have tried twice over the past six months to obtain a password, but never receive a response. I want to import to Mark Fine's RLDB. I do not have one of ILG'S banned e-mail addresses.

2938. Re: [icomr75] Off Topic - ILG Database Password

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-17 16:27:28 UTC
From: John Pickrell
Topic: 2937 Message: 2938

Yes I use it on a daily basis (and Mark Fine's RLDB). There is also a stand alone version that will run under MS Excel or a "GNPDB" version (mini-DB program), I have all.

When I asked them for a PW it must have taken a month (in fact when it arrived I had forgotten I'd asked) so maybe patience (?) is the answer. I have none (patience) so I would bombard them with requests.

The ILG DB is due to be up-dated this month (now the later part of the month). When the up-date happens I will go back to the GNPDB version, I like it better (no R75 controls).

John P.
----- Original Message -----
From: artret2001
To: icomr75@yahoogroups.com
Sent: Sunday, November 17, 2002 9:56 AM
Subject: [icomr75] Off Topic - ILG Database Password

Is anyone in the group using the free ILG database? I have tried
twice over the past six months to obtain a password, but never
receive a response. I want to import to Mark Fine's RLDB. I do not
have one of ILG'S banned e-mail addresses.

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[Non-text portions of this message have been removed]

2939. Re: [icomr75] Off Topic - ILG Database Password

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-17 16:41:11 UTC
From: Rodger N. Bird II
Topic: 2937 Message: 2939

I do not think they answer any email.

I have tried at least 3 times to get them to correct my password (which no longer works) and still have not received any answer.

Rodger

At 02:56 PM 11/17/02 +0000, you wrote:
>Is anyone in the group using the free ILG database? I have tried
>twice over the past six months to obtain a password, but never
>receive a response. I want to import to Mark Fine's RLDB. I do not
>have one of ILG'S banned e-mail addresses.
>
>
>Yahoo! Groups Sponsor
>ADVERTISEMENT
>
>To unsubscribe from this group, send an email to:
>icomr75-unsubscribe@egroups.com
>
>
>
>Your use of Yahoo! Groups is subject to the
><http://docs.yahoo.com/info/terms/>Yahoo! Terms of Service.

2941. Re: [icomr75] Off Topic - ILG Database Password

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-17 18:17:08 UTC
From: Albert Menzl
Topic: 2937 Message: 2941

I have been waiting for about 7 weeks now and yet, no response. I've read elsewhere that our wait time can be considerable, and don't continue to bug him or he'll can your request. Freebies are at the bottom of his priority list, understandably.

Al
----- Original Message -----
From: "artret2001" <lapline3@...>
To: <icomr75@yahoogroups.com>
Sent: Sunday, November 17, 2002 6:56 AM
Subject: [icomr75] Off Topic - ILG Database Password

> Is anyone in the group using the free ILG database? I have tried
> twice over the past six months to obtain a password, but never
> receive a response. I want to import to Mark Fine's RLDB. I do not
> have one of ILG'S banned e-mail addresses.
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

2942. Re: Off Topic - ILG Database Password

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-17 21:21:10 UTC
From: ic0mr75
Topic: 2937 Message: 2942

Join the club. I have also been waiting for months to get the password. If he has a problem with multiple responses, perhaps he should edit the line on his web page that says that this could take up to three days. After the weeks pass and no password, one wonders whether they may have made an email address typo or some other error. I'm afraid that I have also sent him two or three emails, so it is likely that my request has been black listed for life.

--- In icomr75@y..., "artret2001" <lapline3@g...> wrote:
> Is anyone in the group using the free ILG database? I have tried
> twice over the past six months to obtain a password, but never
> receive a response. I want to import to Mark Fine's RLDB. I do not
> have one of ILG'S banned e-mail addresses.

2943. Re: Report on 3khz Filter mod and Fidelity mod - Now S-AM v2.1

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-17 23:31:30 UTC
From: jgedde
Topic: 2854 Message: 2943

Hi Phil,

First, I refer you to the calculations files I placed in the mods area.
These show the calculations used to determine the comparator threshold voltage and hysteresis. Simultaneous equations were used to calculate the values for the resistors. This may not be clear in the presentation.

Resistors R1 and R3 provide hysteresis. A small amount of positive feedback is used via R3 to change the voltage seen by the comparator's input whether the output is high or low.

R4, R5 and R6 set a threshold voltage that pin 23's output is compared to.

U1B, C and D are simply unused portions of the quad comparator. A single comparator could also be used, but is not available at Radio Shaft. I would suggest an AD790 in this case.

C2 is Rado's AGC mod.

Here's how my circuit differs from Rado's...

Basically, it does the same thing as Rado's mod, but is more forgiving because it uses a comparator with hysteresis, rather than relying on the
transistors VBE and base current. These change with temperature, and provide no hysteresis. In addition, the comparator provides a reasonably consistent input impedance with decreased loading to the Motorola IC's blend pin.

Also, a comparator is better in this case since the change in voltage coming from the Motorola IC only changes slightly when in-lock vs. out-of-lock. A simple transistor switch does not provide the precision threshold and the snap on-snap off behavior that a comparator with properly designed hysteresis provides.

The pot is required since there is no guarantee that the cap I used has
similar leakage characteristics to caps used by others. Large value elctrolytic caps have terrible tolerance specs and leakage characteristics. Electrolytic caps, with regard to leakage and tolerance, range from absolutely terrible to merely fair. IN addition, resistor tolerences are variables I have no control over.

The circuit could be made much better still if an Op Amp circuit were used to in order to create a large value capacitor simulator around a smaller value mylar or similar good quality dielectric cap. In addition, a buffer could be used to isolate the capacitance from the output on pin 23. Typically, it is not a great idea to drive into a large capacitor since it can cause instability. However, this would make the circuit much more difficult to build and debug. Contruction techniques would also play a role in how well the circuit would work. Hence, I would consider it unacceptable unless I were to lay-out a PC board and provide them.

Hence, the circuit I designed is good enough for the tinkerer, but should not be considered production quality. I should perhaps create a kit with the better circuit described above.... One that doesn't require a pot (yech!)... Perhaps even with the fidelity mod you came up
with built-in. Perhaps even one step further: use some sort of switching arrangement to optionally turn off the fidelity mod for CW, RTTY and SSB reception...

In any case, the same considerations apply to the AGC mod as well. A better circuit should be used here as well. Probably why Icom doesn't simply add a capacitor to make the AGC mod. It wouldn't be considered good design practice to tie a large value cap onto an IC pin and rely on
the capacitor's characteristics presently, and over time, or to risk instability.

Getting back to the circuit, the output is an open collector type used to pull the SS line down to ground to change the flashing S-AM indication. The SS line is held high by a pullup resistor already present in the R75.

Cheers,
John Gedde

--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> hi John:
>
> > I designed the v2.1 S-AM circuit, not Rado.
>
> thank you for bringing this to our attention. if you have time can
> you give us a brief explaination of how your mod works and how it
> differs from Rado's ver 2.0. also if anyone has done both please
> share your thoughts.
>
> thanks,
> phil :)

2944. NOISE REDUCTION

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-17 23:37:48 UTC
From: The Internet Repair Shop
Topic: 2944 Message: 2944

I already tried that, noticed no differance !

What kind of NOISE is supposed to be reduced by the NR BUTTON??

What does ICOM call NOISE??

Andy
==========

the NR supposed to do and what should the LEVEL be set at??
>
> I don't see any differance only it chops the Audio down........
>
> Here's another area for a MOD maybe......

HI Andy:Try the Phi'ls fidelity mod and then set the NR level to 5
and then report back.
Atagrasin.

=====
++++++++++++++++++ NEW SITE ++++++++++++++++++++
http://home.att.net/~miller.andrew.j.n/index.html

SAVE the new Link above to your BookMarks or Favorite!
++

READ THIS LINK: http://www.paypalwarning.com/Default.htm

Do you Yahoo!?
Yahoo! Web Hosting - Let the expert host your site
http://webhosting.yahoo.com

2945. IC-R75 for sale

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-18 02:32:22 UTC
From: Rick McIntyre
Topic: 2945 Message: 2945

IC-R75 for sale on ebay at
http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=802895783
$400. USD plus $20. shipping takes it. Mint condition, selling to buy
camera equipment.

Any questions, please email me direct, I only browse the list, don't
receive emails from it.
thanks,

Rick
rick.mcintyre@...

****
Canuck Photographer
www.canuckphotographer.ca

A Canadian Photography Web Site
Free Personal Gallery & Free Photography Forums
****
Canuck Audio Mart - Where Canadian Hifi enthusiasts sell and buy.
www.canuckaudiomart.com
The Premiere Canadian web site for used HiFi!
****

[Non-text portions of this message have been removed]

2946. Re: Report on 3khz Filter mod and Fidelity mod - Now S-AM v2.1

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-18 03:22:40 UTC
From: just_rtfm
Topic: 2854 Message: 2946

hello John!

thank you very much for the great explaination! i will surely refer
back to your post.

> Perhaps even with the fidelity mod you came up with built-in.

:)... do you plan on doing the mod? if so and you have time e-mail
me... i am eager to have someone scrutinize the photos etc.

> Perhaps even one step further: use some sort of switching
> arrangement to optionally turn off the fidelity mod for CW,
> RTTY and SSB reception...

originally i thought of adding some type of quad analog switch run
off the SAM line but luck went our way... first the DSP was found to
function to 5000 Hz... second the mod did not effect SSB other than
an occasional twin-PBT twist being necessary. not a big deal since in
my mind the IF filters (and RF gain) ideally should be attenuating
the signal not active audio filters.

> Probably why Icom doesn't simply add a capacitor
> to make the AGC mod.

my first impression was that they followed the Motorola PDF too
closely but now i see your point.

regards and many thanks,
phil :)

2947. Re: Taking my R-75 on the road.

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-18 03:26:20 UTC
From: manabu662001
Topic: 2926 Message: 2947

Dear Mr.Lloyd,

I enjoy a mobile operation of R75 powered via cigar plug.
I use an optional OPC-863 cable supplied from ICOM, and
combinated it with cigar code purchased in DIY shop.

Operation is real pleasure, but only with engine off.
During engine on, heaby noise causes a significant interfer.

To prevent the problems, we need some technique such as
grounding, noise-filter,etc. But, I'm not a technician,so
I have a little to tell.

If My.Lloyd wants an operation in some stopping with engine
off, it is good.
The manual of R75 presents a caution "Do not operate with
engine off", but in my experience, a full 2hours operation
of R75 does not exhaust car battery. But, be carefull enough.
When a battery is already exhausted, the operation is not recommnded.

Manabu Doi,
a SWL in Okayama Japan

2948. IC-R75 for sale on ebay - SOLD!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-18 05:08:13 UTC
From: Rick McIntyre
Topic: 2948 Message: 2948

Thanks for the interest, the auction is over, I got my reserve and it sold.

Rick
****
Canuck Photographer
www.canuckphotographer.ca

A Canadian Photography Web Site
Free Personal Gallery & Free Photography Forums
****
Canuck Audio Mart - Where Canadian Hifi enthusiasts sell and buy.
www.canuckaudiomart.com
The Premiere Canadian web site for used HiFi!
****

[Non-text portions of this message have been removed]

2949. Re: [icomr75] Taking my R-75 on the road.

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-18 15:34:54 UTC
From: Bruce Jensen
Topic: 2926 Message: 2949

Lloyd - as you probably already know, Radio Shack can match a plug on their power units to almost any other coaxial power plug in existence, via their interchangeable plug system. The whole thing should cost less than about $12 if memory serves.

I haven't used mine mobile yet, but have seriously considered it at various times. I'd think you'd want to find out how well that NB works in your vehicle (assuming you have the UT-106 installed) before throwing all caution to the wind.

Good luck!
Bruce Jensen
****
--- Lloyd <lloyd_vfp@...> wrote:
> I am going on a long trip over the Thanksgiving Holiday week. I
> would like to know how use the R-75 through a cigarette lighter. DO
> i have to purchase the Icom brand cord, or does Radio Shack offer a
> cheaper soultion? For a antenna, I have a 40m hamstick, for a
> antenna.
>
> Anyone ever used thier R-75 moble? Please advise.
>
> Lloyd/N0VFP
>
>

=====
Cheers,
Bruce Jensen
~~~~~~~~~~~~
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

____
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~~~~~~~~~~~~

2950. Re: NOISE REDUCTION

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-18 18:54:20 UTC
From: LarryR
Topic: 2944 Message: 2950

When you press the NR button, the NR indicator should "light", and assuming you have set the level to something in the middle (like the default) you should hear a definite reduction in the amount of hiss/roar. One can debate whether other DSPs are better or how much the improvement in S/N ratio is, but you will definitely hear a difference. If not, something is wrong.

--- In icomr75@y..., The Internet Repair Shop <theshopt@y...> wrote:
> I already tried that, noticed no differance !
>
> What kind of NOISE is supposed to be reduced by the NR BUTTON??
>
> What does ICOM call NOISE??
>
> Andy
> ==========
>
>
>
>
>
>
> the NR supposed to do and what should the LEVEL be set at??
> >
> > I don't see any differance only it chops the Audio down.....
> >
> > Here's another area for a MOD maybe.....
>
>
> HI Andy:Try the Phi'ls fidelity mod and then set the NR level to 5
> and then report
back.
> Atagrasin.
>
>
>
>
>
>
> =====
> ++++++++++++++++++ NEW SITE ++++++++++++++++++
> http://home.att.net/~miller.andrew.j.n/index.html
>
> SAVE the new Link above to your BookMarks or Favorite!
> ++

>
> READ THIS LINK: http://www.paypalwarning.com/Default.htm
>
> _____
> Do you Yahoo!?
> Yahoo! Web Hosting - Let the expert host your site
> http://webhosting.yahoo.com

2951. Re: [icomr75] Re: NOISE REDUCTION

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-18 19:00:12 UTC
From: Bruce Jensen
Topic: 2944 Message: 2951

--- LarryR <nospam4russell@...> wrote:
> When you press the NR button, the NR indicator should "light", and
> assuming you have set the level to something in the middle (like the
> default) you should hear a definite reduction in the amount of
> hiss/roar. One can debate whether other DSPs are better or how much
> the improvement in S/N ratio is, but you will definitely hear a
> difference. If not, something is wrong.

Quite correct. The DSP does a couple of things in NR mode: It reduces the background noise modestly, improving the S/N ratio, and it also smooths out the noise to make it "whiter," and therefore less likely to obstruct intelligibility. Personally, I never shut it off, but adjust it between 4 and about 10 depending on the signal.

Bruce Jensen
****

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2952. R75 Manul.PDF Problem

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-18 22:35:16 UTC
From: Garth M.Conover
Topic: 2952 Message: 2952

I am getting a error msg bad Font CMap encoding @ page 43 of the R75 Manual PDF:
http://groups.yahoo.com/group/icomr75/files/Information/Manual.pdf
With this error I am unable to print the page content.
Can anyone help me get and print this final Page?

If you have it in a word or some other format Please contact me @ Garth_Conover@...

2953. Re: [icomr75] R75 Manul.PDF Problem

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-18 23:35:14 UTC
From: John Pickrell
Topic: 2952 Message: 2953

Garth,

Excuse the possible poor quality of this image-new scanner/software (last night) so I haven't had mush time to play with it. Hope this helps.

John P.
----- Original Message -----
From: Garth M.Conover
To: icomr75@yahoogroups.com
Sent: Monday, November 18, 2002 5:35 PM
Subject: [icomr75] R75 Manul.PDF Problem

I am getting a error msg bad Font CMap encoding @ page 43 of the R75 Manual PDF:
http://groups.yahoo.com/group/icomr75/files/Information/Manual.pdf
With this error I am unable to print the page content.
Can anyone help me get and print this final Page?

If you have it in a word or some other format Please contact me @ Garth_Conover@...

To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

2954. RE: [icomr75] R75 Manul.PDF Problem

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-19 01:26:11 UTC
From: Gordon Hagewood
Topic: 2952 Message: 2954

Garth,

I printed it (page 43, CI-V data example 3 and the Set Mode Data Table) - despite an error message. My version of Adobe 5.0 asked me if I wanted to load a current Japanese character set but then couldn't find it. It then said that the page might print with unreadable characters. As far as I can tell, the page that I printed matches the hard copy manual.

If you like I'll mail it to you - no charge! Just get me an address offline. Or I can fax it to you.

Gordon Hagewood

-----Original Message-----
From: Garth M.Conover [mailto:garth_conover@...]
Sent: Monday, November 18, 2002 5:35 PM
To: icomr75@yahoogroups.com
Subject: [icomr75] R75 Manul.PDF Problem

I am getting a error msg bad Font CMap encoding @ page 43 of the R75 Manual PDF:
http://groups.yahoo.com/group/icomr75/files/Information/Manual.pdf
With this error I am unable to print the page content.
Can anyone help me get and print this final Page?

If you have it in a word or some other format Please contact me @ Garth_Conover@...

To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

Your use of Yahoo! Groups is subject to the Yahoo!
<http://docs.yahoo.com/info/terms/> Terms of Service.

[Non-text portions of this message have been removed]

2955. Re: NOISE REDUCTION

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-19 02:01:46 UTC
From: just_rtfm
Topic: 2944 Message: 2955

hi Bruce... i too find NR useful. Passport downplayed DSP technology
but in time DSP IFs will be the norm. the companies i see with a
future are ICOM and TenTec... both with ham roots, multiple
receivers, and 24-bit ADCs on their high-end (Orion/756-Pro) units.

phil :)

2956. Re: [icomr75] Re: NOISE REDUCTION

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-19 02:49:01 UTC
From: Bruce Jensen
Topic: 2944 Message: 2956

--- just_rtfm <just_rtfm@...> wrote:
> hi Bruce... i too find NR useful. Passport downplayed DSP technology
> but in time DSP IFs will be the norm. the companies i see with a
> future are ICOM and TenTec... both with ham roots, multiple
> receivers, and 24-bit ADCs on their high-end (Orion/756-Pro) units.
>
> phil :)

I hope you're right about Icom/TenTec - the RX350 especially shows promise - but I would very much like to see Drake produce a class-act R-8 series rig with IF-DSP. How could it be beat? At the same price as an NRD-545, it would blow away amnything else in the price range.

Of course, an Icom R75 with a few touch-up fixes would accomplish 98% the same thing with 2/3 the price tag :-)

Bruce Jensen

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2957. Re: [icomr75] Re: Taking my R-75 on the road.

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-19 04:53:35 UTC
From: Ian Johnson
Topic: 2926 Message: 2957

The warning not to operate the R75 with the ignition off is to avoid potentially damaging voltage spikes when the vehicle is started. So, disconnect the R75 before starting the engine.

73

Ian Johnson
Brisbane, Australia
----- Original Message -----
From: manabu662001
To: icomr75@yahoogroups.com
Sent: Monday, November 18, 2002 1:26 PM
Subject: [icomr75] Re: Taking my R-75 on the road.

Dear Mr.Lloyd,

I enjoy a mobile operation of R75 powered via cigar plug.
I use an optional OPC-863 cable supplied from ICOM, and
combinated it with cigar code purchased in DIY shop.

Operation is real pleasure, but only with engine off.
During engine on, heaby noise causes a significant interfer.

To prevent the problems, we need some technique such as
grounding, noise-filter,etc. But, I'm not a technician,so
I have a little to tell.

If My.Lloyd wants an operation in some stopping with engine
off, it is good.
The manual of R75 presents a caution "Do not operate with
engine off", but in my experience, a full 2hours operation
of R75 does not exhaust car battery. But, be carefull enough.
When a battery is already exhausted, the operation is not recommnded.

Manabu Doi,
a SWL in Okayama Japan

To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

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[Non-text portions of this message have been removed]

2958. Re: NOISE REDUCTION

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-19 05:32:55 UTC
From: just_rtfm
Topic: 2944 Message: 2958

howdy Bruce!

random thoughts... some on the RX-350 board appear disappointed with the radio. i too would like Drake to produce IF DSP radios... give TenTec and ICOM some ham competition. FWIW, an R75 with AM-AGC, Sync-AM, and fidelity mods is still 1/3 the price of an NRD-545.

i may offer a version of some software i've been using since july. start the program... press a button... wait 80 seconds... and voila you can step through all active AM stations from 120 Meters to 11 Meters... no hunting for what is on! i just fired it up 10 minutes ago and it found 94 stations... sure beats knob turning.

regards,
phil :)

2959. Re: Taking my R-75 on the road.

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-19 14:14:37 UTC
From: manabu662001
Topic: 2926 Message: 2959

It is really important, also I think.
I forgot to cut R75 off from line when starts engine, it was
a heart-stopping experience for me. Although my R75 runs normally
even after then, I must think it was a LUCK!

Manabu Doi
a SWL in Okayama Japan

2960. Re: [icomr75] Digest Number 549

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-19 12:16:52 UTC
From: Björn Danielsson
Topic: 2960 Message: 2960

Curtis wrote:
Message: 4
Date: Tue, 12 Nov 2002 18:10:30 -0000
From: "curtis_cr" <curtisc62@...>
Subject: Re: Report on 3khz Filter mod and Fidelity mod

As to the Frankenstein designation - I'll take it with pride, but
there is still lots of open space in the radio!

This reminds me about my Icom R72....
Is had 2 big PCB boards and internal mains and a lot of wire! It was wiers
everywhere and coax.
So when I got my R75 and opened it up I got very surprised.

Hey, they must have forgot something here!

The R75 is empty compared with the R72. :-D
So much can happens in 10 years...

BTW I just did the AGC mod. So it is time to se if it works.
But i did not do it myself, not on a radio for $1100...

Bj?rn Danielsson

_____
Gratis e-mail resten av livet p? www.yahoo.se/mail
Busenkelt!

2961. Re: $400 R75 on ebay

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-19 19:57:57 UTC
From: thinkdx
Topic: 2927 Message: 2961

--- In icomr75@y..., "payman_a" <payman_a@y...> wrote:
> There is what appears to be a nice clean R75 with the DSP option,
> with a buy it now price of $400 on ebay. See
> http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=802449449
>
> (I am not the seller, nor do I know him/her - it is just that the
> price seems good!).
>
> payman

Hi Payman,

I'm the one who got this unit via "Buy it now". When it arrives I'm jumping in with the usual mods for the R75. I look forward to controlling it along with my RX-320 and AR-7030 with the ERGO 4 software. I live a couple of hours from the Washington State coast where I like to go for trans-Pacific mediumwave and tropical band DXing.

I'm looking forward to this receiver! I hadn't paid much attention to it when it was introduced in 1999, but now I realize that it's quite a value for the money.

I recently moved to a new town, so I don't have the gear & antennas up yet. After I get minor matters like unpacking out of the way, then the fun begins :^)

Guy Atkins
dx@...
Puyallup, WA USA

2962. Re: [icomr75] Re: $400 R75 on ebay

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-19 20:10:03 UTC
From: Bruce Jensen
Topic: 2927 Message: 2962

> Hi Payman,
>
> I'm the one who got this unit via "Buy it now". When it arrives I'm
> jumping in with the usual mods for the R75. I look forward to
> controlling it along with my RX-320 and AR-7030 with the ERGO 4
> software. I live a couple of hours from the Washington State coast
> where I like to go for trans-Pacific mediumwave and tropical band
> DXing.
>
> I'm looking forward to this receiver! I hadn't paid much attention to
> it when it was introduced in 1999, but now I realize that it's quite
> a value for the money.
>
> I recently moved to a new town, so I don't have the gear & antennas
> up yet. After I get minor matters like unpacking out of the way, then
> the fun begins :^)
>
> Guy Atkins
> dx@...
> Puyallup, WA USA

Guy, I am really looking forward to hearing what you can do with this radio on a DXpedition! Any coming up soon?

Bruce Jensen

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2963. Kiwa MAP Unit Hookup to R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-19 20:21:42 UTC
From: thinkdx
Topic: 2963 Message: 2963

Has anyone successfully hooked a Kiwa "MAP" to the R75's product detector, IC1101? This is a post-455 IF filter location that looks suitable for the direct pickup connection of the MAP, but I'm wondering about the proper pin.

Would it be pin #6, the "+OUT" pin of IC1101?

Thanks in advance for any tips on this "old tech/new tech" equipment hookup of the MAP and the R75.

Guy Atkins
dx@...
Puyallup, WA USA

2964. ICOM R75 vs 706MKIIG

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-19 21:57:24 UTC
From: gollersam
Topic: 2964 Message: 2964

The 706MKIIG covers the frequencies of .03-199.999 MHZ + 400-470 MHZ.

The R75 covers .03-60 MHZ.

Both offer USB, LSB, CW, RTTY, AM, FM,
The 706 offers WFM
The R75 offers S-AM

A fully modified R75 costs about $800. An out-of-the-box 706 costs
about $800.

They both use the UT-106 DSP.

Besides the obvious (the 706 is a transceiver and the R75 is a
receiver)what other differences are their between these two? As a
newly licensed ham (1 year), I'm interested in listening to the HF
ham bands with the occassional up&down the dial into SWL.

I like the 706 because it allows me to take advantage of my
priviledges on 2m, 70cm & 6m. As a receiver in the HF ham bands and
for SWL, which would do the better job?

Look forward to reading the dialogue. Thanks in advance for sharing
your opinions.
sam
KC0LTU

2965. Re: ICOM R75 vs 706MKIIG

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-19 22:51:46 UTC
From: grant390
Topic: 2964 Message: 2965

As an owner of both, I would have to say that the R75 has the edge as a receiver. I believe that the recieve electronics are very similar between the two. I dont find that one will recieve things that the other won't. The signal hadling abilities of these two rigs is very similar.

The R75 wins as a receiver because it has direct frequency entry; instant access to DSP and filter controls; a nicer front panel layout; SAM mode for fading AM signals; and other creature comforts I can't think of at the moment.

Don't get me wrong, I really like my 706IIG, but it is more optimized for its trancieve capabilities oriented to mobile operations. It has a very compact design with few controls. Hence the need for menus and lots of button presses for infrequently used controls. It is much better suited to the needs of a ham that uses multiple bands than for SWL.

You can alleviate some of the user interface limitations with computer control.

I love them both and often have both running at the same time!

Keith
KD7OFV
--- In icomr75@y..., "gollersam" <gollersam@a...> wrote:
> The 706MKIIG covers the frequencies of .03-199.999 MHZ + 400-470 MHZ.
>
> The R75 covers .03-60 MHZ.
>
> Both offer USB, LSB, CW, RTTY, AM, FM,
> The 706 offers WFM
> The R75 offers S-AM
>
> A fully modified R75 costs about $800. An out-of-the-box 706 costs
> about $800.
>
> They both use the UT-106 DSP.
>
> Besides the obvious (the 706 is a transceiver and the R75 is a
> receiver)what other differences are their between these two? As a
> newly licensed ham (1 year), I'm interested in listening to the HF
> ham bands with the occassional up&down the dial into SWL.
>
> I like the 706 because it allows me to take advantage of my

> priviledges on 2m, 70cm & 6m. As a receiver in the HF ham bands
and
> for SWL, which would do the better job?
>
> Look forward to reading the dialogue. Thanks in advance for
sharing
> your opinions.
> sam
> KC0LTU

2966. Re: $400 R75 on ebay

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-19 23:24:57 UTC
From: payman_a
Topic: 2927 Message: 2966

Great! I think everybody here looks forward to your comments
on the R75, weaknesses, strengths, performance ... and
especially any rare DX catches!

I got mine for a little more, with the Kiwa mods and
so far I am very happy with it.

Have fun
payman

--- In icomr75@y..., "thinkdx" <dx@g...> wrote:
> Hi Payman,
>
> I'm the one who got this unit via "Buy it now". When it arrives
I'm
> jumping in with the usual mods for the R75. I look forward to
> controlling it along with my RX-320 and AR-7030 with the ERGO 4
> software. I live a couple of hours from the Washington State coast
> where I like to go for trans-Pacific mediumwave and tropical band
> DXing.
>
> I'm looking forward to this receiver! I hadn't paid much attention
to
> it when it was introduced in 1999, but now I realize that it's
quite
> a value for the money.
>
> I recently moved to a new town, so I don't have the gear & antennas
> up yet. After I get minor matters like unpacking out of the way,
then
> the fun begins :^)
>
> Guy Atkins
> dx@g...
> Puyallup, WA USA

2967. Re: ICOM R75 vs 706MKIIG

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-19 23:48:29 UTC
From: payman_a
Topic: 2964 Message: 2967

Sam,

The ARRL tested the 706MKIIG in July 1999. Just looking at the numbers, and comparing them with those for the R75 (tested January 2000), one comes up with the following conclusions:

Noise floor - comprable

AM Sensitivity - MW: R75 almost twice as sensitive. SW: 706MKIIG more sensitive (almost but not quite twice)

FM Sensitivity - 706MKIIG the same or more sensitive by factor of 2-4

Blocking dynamic range - slight edge to R75, almost comparable

Two-tone third order IMD dynamic range - slight edge to 706MKIIG, almost comparable

Third-order intercept - R75 takes it by wide margin

Second-order intercept - R75 takes it by wide margin

Spurious and image rejection - 706MKIIG take it by wide margin.

Have you thought of using an Icom IC-718 as the 'transmitter' in your setup, or just using it for both receive and transmit? It can be connected to the R75, and can control it. Price is comparable to the R75.

payman

2968. Re: [icomr75] Re: $400 R75 on ebay

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-20 02:33:46 UTC
From: Albert Menzl
Topic: 2927 Message: 2968

I see you've got the Ergo software. I would like to use a software with my new R75 but don't know which one to choose. I see that the option RS-R75 software is on sale at Universal for $59.95, while the Ergo software is listed for 99$. Looks like the Ergo does more, but is it worth the price? And I guess I would need to get the CI-V Converter for the connection.

On another topic, I live in Seattle. Is there a local dx club? From the WA coast, do you get yourself far enough from the SEATAC QRM?

Al
almenzl@...

----- Original Message -----
From: "thinkdx" <dx@...>
To: <icomr75@yahoogroups.com>
Sent: Tuesday, November 19, 2002 11:57 AM
Subject: [icomr75] Re: $400 R75 on ebay

> --- In icomr75@y..., "payman_a" <payman_a@y...> wrote:
> > There is what appears to be a nice clean R75 with the DSP option,
> > with a buy it now price of $400 on ebay. See
> > http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=802449449
> >
> > (I am not the seller, nor do I know him/her - it is just that the
> > price seems good!).
> >
> > payman
>
> Hi Payman,
>
> I'm the one who got this unit via "Buy it now". When it arrives I'm
> jumping in with the usual mods for the R75. I look forward to
> controlling it along with my RX-320 and AR-7030 with the ERGO 4
> software. I live a couple of hours from the Washington State coast
> where I like to go for trans-Pacific mediumwave and tropical band
> DXing.
>
> I'm looking forward to this receiver! I hadn't paid much attention to
> it when it was introduced in 1999, but now I realize that it's quite
> a value for the money.
>
> I recently moved to a new town, so I don't have the gear & antennas
> up yet. After I get minor matters like unpacking out of the way, then
> the fun begins :^)
>
> Guy Atkins

> dx@...
> Puyallup, WA USA
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

2969. Drake R-8B for $790

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-20 06:34:01 UTC
From: payman_a
Topic: 2969 Message: 2969

Well, after the $400 R75 find on ebay, here is a used Drake R-8B for sale by Universal Radio at $789.95. Look for item number U069 in http://universal-radio.com/alert.html if interested.

I wish I had the money to get this and see what all the praise the R-8B gets is all about ...

payman

2970. RE: [icomr75] Re: $400 R75 on ebay

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-20 13:17:18 UTC
From: Guy Atkins
Topic: 2927 Message: 2970

Hi Bruce,

I have another DXpedition trip to Grayland, WA planned for Dec. 6-8, although it won't be as "serious" a DX session as usual. This time I'm heading out with my 11-year-old, who likes to tune in the PNG regionals and the stronger Indonesians. Mostly, I think she likes to crash through the brush while stringing the Beverage antenna wire... she's a bit of an adventurer. The sand and waves at the beach are an attraction for any kid, of course... but the WA coast in December may be more rainy and windy than she expects!

Anyway, I don't think I'll spend as much time at the dials as usual during during this DXpedition, but I plan to do a lot of "A-B" comparisons between the receivers on trans-Pacific MW and the tropicals. Nor will I have as many Beverage antennas available (maybe just one or two). See this link for a photo of the antennas we Washington State area DXers usually employ at Grayland:

http://briefcase.yahoo.com/thinkdx

Look in the "MW & Tropical Band DXing" folder, and then in the "DX Photos & Misc" folder. Inside is a "Grayland DXpedition Antennas" photo.

Guy Atkins
Puyallup, WA USA
-----Original Message-----
From: Bruce Jensen [mailto:bpnjensen@...]
Sent: Tuesday, November 19, 2002 12:10 PM
To: icomr75@yahoogroups.com
Subject: Re: [icomr75] Re: $400 R75 on ebay

Guy, I am really looking forward to hearing what you can do with this radio on a DXpedition! Any coming up soon?

Bruce Jensen

[Non-text portions of this message have been removed]

2971. RE: [icomr75] Re: $400 R75 on ebay

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-20 15:40:00 UTC
From: Bruce Jensen
Topic: 2927 Message: 2971

HI, Guy - sounds great...it's neat to have kids that are interested in your hobbies (mine isn't quite there yet). BTW, I went to the page you mentioned, found the thumbnail, but it wouldn't open up. Looks like a beautiful place though. Do you usually keep re-running Beverages according to what you want to hear at a given time, or does one (or a couple of) runs fit all? In other words, are they so directional that you need several or new runs??

Bruce Jensen
****
--- Guy Atkins <dx@...> wrote:
> Hi Bruce,
>
> I have another DXpedition trip to Grayland, WA planned for Dec. 6-8,
> although it won't be as "serious" a DX session as usual. This time I'm
> heading out with my 11-year-old, who likes to tune in the PNG regionals
> and
> the stronger Indonesians. Mostly, I think she likes to crash through the
> brush while stringing the Beverage antenna wire... she's a bit of an
> adventurer. The sand and waves at the beach are an attraction for any
> kid,
> of course... but the WA coast in December may be more rainy and windy
> than
> she expects!
>
> Anyway, I don't think I'll spend as much time at the dials as usual
> during
> during this DXpedition, but I plan to do a lot of "A-B" comparisons
> between
> the receivers on trans-Pacific MW and the tropicals. Nor will I have as
> many
> Beverage antennas available (maybe just one or two). See this link for a
> photo of the antennas we Washington State area DXers usually employ at
> Grayland:
>
> http://briefcase.yahoo.com/thinkdx
>
> Look in the "MW & Tropical Band DXing" folder, and then in the "DX
> Photos &
> Misc" folder. Inside is a "Grayland DXpedition Antennas" photo.
>
> Guy Atkins
> Puyallup, WA USA
> -----Original Message-----
> From: Bruce Jensen [mailto:bpnjensen@...]

> Sent: Tuesday, November 19, 2002 12:10 PM
> To: icomr75@yahoogroups.com
> Subject: Re: [icomr75] Re: $400 R75 on ebay
>
>
>
> Guy, I am really looking forward to hearing what you can do with this
> radio on a DXpedition! Any coming up soon?
>
> Bruce Jensen
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

=====
Cheers,
Bruce Jensen
~~~~~~~~~~~~
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

_____
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~~~~~~~~~~~~

2972. My R-75 don't like my antenna?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-20 17:28:54 UTC
From: Bill Brady
Topic: 2927 Message: 2972

Hi gang,
I am going a tad nuts trying to figure out why my R-75 don't like my 60' DX/SWL Sloper.

I have the antenna feeding either the R-75 or M800 via a two pole co-ax antenna switch. So I can instantly put either radio on the Sloper.

I also have a wire run around the top of the walls inside most of my house. I usually use this for whatever portable I am using, mostly my 2010.

The M800 works splendidly on the Sloper, the R-75 works good on the random wire. The R-75 barfs on the Sloper. It goes from S9 +20dbm to S1 when I switch.

I put a MFJ 956 in the line... no help. I modified the MJF 956, no help (perhaps a tad worse for the R-75).

Any ideas?

--Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest hour that the most stars come out.

[Non-text portions of this message have been removed]

2973. Re: [icomr75] My R-75 don't like my antenna?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-20 17:34:51 UTC
From: Bruce Jensen
Topic: 2927 Message: 2973

Sounds like a short in your switch. Is that possible? Have you tried
connecting the R75 directly to the sloper?

Bruce Jensen
****
--- Bill Brady <wmbrady@...> wrote:
> Hi gang,
> I am going a tad nuts trying to figure out why my R-75 don't like my 60'
> DX/SWL Sloper.
>
> I have the antenna feeding either the R-75 or M800 via a two pole co-ax
> antenna switch. So I can instantly put either radio on the Sloper.
>
> I also have a wire run around the top of the walls inside most of my
> house.
> I usually use this for whatever portable I am using, mostly my 2010.
>
> The M800 works splendidly on the Sloper, the R-75 works good on the
> random
> wire. The R-75 barfs on the Sloper. It goes from S9 +20dbm to S1 when I
> switch.
>
> I put a MFJ 956 in the line... no help. I modified the MJF 956, no help
> (perhaps a tad worse for the R-75).
>
> Any ideas?
>
> --Wm. "Bill" Brady, Harwood MD 38?51'30"N 76?41'00"W - Its in the
> darkest
> hour that the most stars come out.
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

=====
Cheers,
Bruce Jensen
~~~~~~~~~~~~
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio
~~~~~~~~~~~~

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2974. Re: [icomr75] Re: NOISE REDUCTION

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-20 17:40:31 UTC
From: Bruce Jensen
Topic: 2944 Message: 2974

--- just_rtfm <just_rtfm@...> wrote:
> howdy Bruce!
>
> random thoughts... some on the RX-350 board appear disappointed with
> the radio. i too would like Drake to produce IF DSP radios... give
> TenTec and ICOM some ham competition. FWIW, an R75 with AM-AGC, Sync-
> AM, and fidelity mods is still 1/3 the price of an NRD-545.

Yeah but the NRD-545 (and RX-350) has all those cool IF DSP goodies. R75 has none. However, I seriously doubt that NRD or TenTec is 2 or 3 times better than the Icom, DSP included.

The TenTec appears to need some improved firmware specs, dynamic range and so forth. I have no doubt that TenTec can do it if they want to - if they are like Drake, perhaps they will do some real improvements for the RX-360.

> i may offer a version of some software i've been using since july.
> start the program... press a button... wait 80 seconds... and voila
> you can step through all active AM stations from 120 Meters to 11
> Meters... no hunting for what is on! i just fired it up 10 minutes
> ago and it found 94 stations... sure beats knob turning.

This sounds neat. Can you adjust the sensitivity to only pick out S7 or above stations, for example? I envy you your ability to funnel those creative juices into hobby fun - all of mine go into raising a family these days.

Bruce Jensen
****

_____
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2975. DSP question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-20 18:55:25 UTC
From: Bill Brady
Topic: 2927 Message: 2975

While we are problem solving, what is the difference between NR and ANF settings of the DSP? I notice that NR gives me a larger drop in volume but eliminates more noise than the ANF. The ANF also degrades the fidelity more. And if I use both, that's when the sound is like someone talking from the bottom of a barrel.

Jus' wonderin'

--Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest hour that the most stars come out.

[Non-text portions of this message have been removed]

2976. Re: [icomr75] My R-75 don't like my antenna?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-20 18:57:20 UTC
From: Bill Brady
Topic: 2927 Message: 2976

Bruce Jensen Wrote:

Sounds like a short in your switch. Is that possible? Have you tried connecting the R75 directly to the sloper?

Bruce Jensen

Many thanks Bruce for your reply,

I have never tried to hook the R-75 directly to the Sloper, it's a bit difficult (cable too short). I realized that the only other thing was the patch cable from the switch to the R-75. I put an ohmmeter on the center conductor and it was open!

I tore the cable down and noticed a bit of a hump in the middle. Somehow the center conductor had broken or a manufacturing splice gave away. I made a new cable and the R-75 now happily receives lots of juice from the sloper.

It's still a bit strange however, as the R-75 does work better on the in house wire for some frequencies. For example, WWV 20MHz screams from the wire, but drops a few dbm on the Sloper. More testing is required now.

Anyway, when I ordered the cable the dealer called me and asked if I could live with 2 50' pieces instead of the 100' I ordered. They actually sent a chunk about 60' and another close to that. Methinks they knew they had some bad cable.

--Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest hour that the most stars come out.

[Non-text portions of this message have been removed]

2977. Re: [icomr75] DSP question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-20 19:09:53 UTC
From: Bruce Jensen
Topic: 2927 Message: 2977

--- Bill Brady <wmbrady@...> wrote:
> While we are problem solving, what is the difference between NR and ANF
> settings of the DSP? I notice that NR gives me a larger drop in volume
> but
> eliminates more noise than the ANF. The ANF also degrades the fidelity
> more.
> And if I use both, that's when the sound is like someone talking from
> the
> bottom of a barrel.

Use NR when the background noise is annoying, and adjust to suit your taste using the proper sequence of buttons and the tuning knob. Usually about 4 to 6 is right for optimum reduction.

ANF (auto notch follow) is for reducing heterodyne tones and other midrange whistle or tone noises. Turn it on only when those tones or whistles are present and annoying. NB is a noise blanker, and reduced impulse-type noise (rapid regular rat-a-tats, for example). It has very limited usefulness on static, and should not be used on strong signals.

All of these work to some extent. Mine work well for me, if not always 100% effective. Your mileage may vary, but only experimentation will tell you how valuable any one control can be to you.

=====
Cheers,
Bruce Jensen
~~~~~~~~~~~~
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

_____
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~~~~~~~~~~~~

2978. Re: DXpeditions (Was: RE: $400 R75 on Ebay)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-20 20:01:02 UTC
From: thinkdx
Topic: 2927 Message: 2978

Bruce,

I just checked the link and it worked for me (I assume you clicked "full size"?). If you can't pull it up, let me know and I can email it to you if interested. It's about 400Kb compressed JPG, but the picture is a 360-degree panoramic photo of the entire antenna "farm".

The usual array of antennas there is a southwest, west, and northwest terminated Beverages. These are often the dual-wire Beverage design, spaced about 6 feet apart, parallel. The dual type gives a bit more gain (although we run everything through Advanced Receiver Research preamps). Each Beverage is 800-1000 ft. long depending on the orientation. These three cover all the directions monitored on MW, and are satisfactory for Asia, Pacific, and Africa (morning longpath only) on the tropical bands. The antennas are a blast to have available, but it can be a drag to take it all down in a blustery Nor'wester!

For the DXpedition in the photo we had two K9AYs and a ALA 1530 loop erected also.

regards,

Guy Atkins
Puyallup, WA USA

--- In icomr75@y..., Bruce Jensen <bpnjensen@y...> wrote:
> HI, Guy - sounds great...it's neat to have kids that are interested in
> your hobbies (mine isn't quite there yet). BTW, I went to the page you
> mentioned, found the thumbnail, but it wouldn't open up. Looks like a
> beautiful place though. Do you usually keep re-running Beverages
> according to what you want to hear at a given time, or does one (or a
> couple of) runs fit all? In other words, are they so directional that you
> need several or new runs??

2979. Re: [icomr75] question about audio conrol

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-20 23:31:42 UTC
From: pjrohio@ntr.net
Topic: 2913 Message: 2979

My volume kicks in at the 'two-and-a-half' mark, extremely low.
It smoothly increases throughout its range. So, it seems to
work ok.

Is this different from what you guys are describing?

- Patrick (...looking to fix-up my R-71A)

2980. Re: ERGO

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-21 02:09:02 UTC
From: Albert Menzl
Topic: 2980 Message: 2980

Guy,

You've sold me on the Ergo software. I'll go with that.

Yeah, I'd be interested in meeting other dxers in the area. If you give me Bruce's e-mail I'll drop him a note of introduction. I'm interested in how people do things, especially where antennas are concerned.

I'm impressed with the setup you mentioned in another post. I guess there's a bit of side-look from those beverages. I expect to be experimenting with antennas next year.

OBTW, I couldn't get a full size picture of the dx site from your website either.

Al Menzl
Seattle, WA
almenzl@...

2981. Re: [icomr75] Re: ERGO

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-21 03:29:17 UTC
From: Bill Dean
Topic: 2980 Message: 2981

Hi Al-

Was your message inadvertantly sent to the list rather than Guy? I went back in the archives looking for the ERGO software but couldn't really find anything.

Anyway I hope you or Guy will report your findings as I'm moderately (monetary moderation) interested in the software.

Regards,
Bill Dean

----- Original Message -----
From: Albert Menzl
To: icomr75@yahoogroups.com
Sent: Wednesday, November 20, 2002 6:09 PM
Subject: [icomr75] Re: ERGO

Guy,

You've sold me on the Ergo software. I'll go with that.

Yeah, I'd be interested in meeting other dxers in the area. If you give me Bruce's e-mail I'll drop him a note of introduction. I'm interested in how people do things, especially where antennas are concerned.

I'm impressed with the setup you mentioned in another post. I guess there's a bit of side-look from those beverages. I expect to be experimenting with antennas next year.

OBTW, I couldn't get a full size picture of the dx site from your website either.

Al Menzl
Seattle, WA
almenzl@...

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[Non-text portions of this message have been removed]

2982. RE: [icomr75] Re: ERGO

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-21 04:29:04 UTC
From: Guy Atkins
Topic: 2980 Message: 2982

Hi Al,

The email I have for Bruce is: bportzer@... Hopefully this is
still current, as I haven't corresponded with him in months.

He welcomes any and all newcomers to his February (Saturday) get-together.
The attendance varies... it runs from around 1 or 2pm until as late as
anyone cares to stay. Pizza is ordered around 6pm! Usually the group ends
up in Bruce's basement radio shack.

I checked in to the Yahoo.com "Briefcase" site where I have those pictures,
reviews, DX audio, etc. stored. I notice that they've changed things around
and have added a "Premium Services" (= $$) which allows viewing of full
size pictures. Sorry about that! I didn't realize that it had become a pay
service for most features. I'm between hosting companies for my own web site
(I recently moved to another town) and I need to get some more web space
with an internet hosting company. Then I can post a link to my panoramic
Grayland DXpedition antenna photo.

Are you familiar with the T2FD antenna? This is a versatile antenna that has
a wide bandwidth and omnidirectional reception with low noise qualities. I
wrote an article about it which is accessible on the Hard-Core-DX web site.
Also, I'd highly recommend the K9AY antenna which you can build yourself
(with some effort) or go for the commercial version from Wellbrook
Communications or AY Technologies. The K9AY is also low noise, plus it's
very directional on MW.

regards,

Guy

-----Original Message-----
From: Albert Menzl [mailto:almenzl@...]
Sent: Wednesday, November 20, 2002 6:09 PM
To: icomr75@yahoogroups.com
Subject: [icomr75] Re: ERGO

Guy,

You've sold me on the Ergo software. I'll go with that.

Yeah, I'd be interested in meeting other dxers in the area. If you give me
Bruce's e-mail I'll drop him a note of introduction. I'm interested in
how
people do things, especially where antennas are concerned.

I'm impressed with the setup you mentioned in another post. I guess
there's

a bit of side-look from those beverages. I expect to be experimenting
with
antennas next year.

OBTW, I couldn't get a full size picture of the dx site from your website
either.

Al Menzl
Seattle, WA
almenzl@...

[Non-text portions of this message have been removed]

2983. Re: NOISE REDUCTION

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-21 05:34:07 UTC
From: just_rtfm
Topic: 2944 Message: 2983

hi Bruce!

> Yeah but the NRD-545 (and RX-350) has all those
> cool IF DSP goodies. R75 has none.

IMO both have inadequate ADCs... i'll stick with the twin-PBT and audio DSP. after the AM-AGC mod, Rado's Sync-AM mod, and my fidelity mod... there is now no way i'll be buying another radio.

> However, I seriously doubt that NRD or TenTec is 2 or 3 times
> better than the Icom, DSP included.

sensitivity and selectivity are better on the ICOM. IMO most of the Passport reviewed radios are in a similar class although some have more features, better build quality, etc. to break out, a big buck rig (Racal / Harris / Collins) and antenna reale estate are needed.

> Can you adjust the sensitivity to only pick out S7 or
> above stations, for example?

what you can do is cut back the RF gain. the program automatically organizes stations after the scan... you just click through and stop where you want. (i use an advanced version that is not so user friendly yet). my software does not use the s-meter... instead audio is pumped in via the soundcard and analyzed using my software DSP. the DSP has ~100 dB of dynamic range.

> I envy you your ability to funnel those creative juices
> into hobby fun - all of mine go into raising a family
> these days.

no family to raise here yet... i better enjoy it while i can ;).

regards,
phil :)

2984. Re: Ergo

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-21 05:41:11 UTC
From: Albert Menzl
Topic: 2984 Message: 2984

Hi Bill,

I didn't realize that it was a pm from Guy. Here's what he said:

Hi Al,

I like ERGO a lot, but haven't spent much time with other packages. I feel that it is a very sophisticated and polished package for the money. I started helping out the author, John Fallows, as a beta tester for ERGO with the AR7030 in 1996. I've seen the program evolve much over the years. Mr. Fallows is a talented software writer... I had the chance to meet him this spring at a DXpedition.

As far as I know, ERGO is the least expensive package that offers these sorts of advanced features:

-multiple receiver control simultaneously
-remote operation via TCP/IP or DCOM (internet or wired/wireless link)
-import of virtually any database out there
-flexible grayline map display showing long & short signal paths, realtime terminator, etc.

ERGO would work through the R75's RS-232C connector on the back... same for the Kenwood software I'm pretty sure. There would be no need for the level converter unless you were hooking it up to other Kenwood equipment like a transceiver.

2985. Re: [icomr75] Re: Ergo

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-21 05:49:35 UTC
From: Bill Dean
Topic: 2984 Message: 2985

Thanks Al!

I really don't need to hear how wonderful anything is right now after laying out the money for the R-75 recently- it's been great out of the box. But of course one always looks for more even with such a bargain so I appreciate the help for something I shouldn't consider right now.

I *do* appreciate the info though.

Regards,
Bill Dean

----- Original Message -----
From: Albert Menzl
To: icomr75@yahoogroups.com
Sent: Wednesday, November 20, 2002 9:41 PM
Subject: [icomr75] Re: Ergo

Hi Bill,

I didn't realize that it was a pm from Guy. Here's what he said:

Hi Al,

I like ERGO a lot, but haven't spent much time with other packages. I feel
that it is a very sophisticated and polished package for the money. I
started helping out the author, John Fallows, as a beta tester for ERGO
with the AR7030 in 1996. I've seen the program evolve
much over the years. Mr. Fallows is a talented software writer... I had the
chance to meet him this spring at a DXpedition.

As far as I know, ERGO is the least expensive package that offers these
sorts of advanced features:

-multiple receiver control simultaneously
-remote operation via TCP/IP or DCOM (internet or wired/wireless link)
-import of virtually any database out there
-flexible grayline map display showing long & short signal paths,
realtime terminator, etc.

ERGO would work through the R75's RS-232C connector on the back... same for
the Kenwood software I'm pretty sure. There would be no need for the level
converter unless you were hooking it up to other Kenwood equipment like a
transceiver.

To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

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[Non-text portions of this message have been removed]

2986. Re: DSP question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-21 05:57:21 UTC
From: just_rtfm
Topic: 2927 Message: 2986

hi Bill:

> what is the difference between NR and ANF settings of the DSP?

IMO you can best see what they do graphically... note: left graphic
is a scope plot, right graphic is a spectral plot.

http://members.truepath.com/justrtfm/nranf.jpg

> And if I use both, that's when the sound is like
> someone talking from the bottom of a barrel.

yes, it sounds hollow... FWIW after the fidelity mod it is not as bad
because there are highs to help with intelligibility.

regards,
phil :)

2987. The DSP from hell!!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-21 06:15:36 UTC
From: kabjkm2002
Topic: 2987 Message: 2987

I ordered the DSP unit after purchasing the ICR75. Happily it arrived in only 2 weeks - the downside is Icom sent the UT 96 (a five tone board) instead. I sent it back and three weeks later the correct unit arrived. I installed it using the flimsy instructions in the manual and the postings on this site. I turned it on and saw DSP in the display but there was no audio out - dead as a door nail. I reopened the unit (all 3000 screws), unplugged and reattached all the connectors. This time I left the case off - turned it on again - no audio. Then I fiddled with the wires and the radio came to life. Apparently there is an intermittant connection in the wiring. I finally installed the velcro and case in a way so the intermittant problem is solved. Now the NR function works good but the Auto Notch Filter doesn't. I tuned some CW signals in SSB mode and pressed ANF - nothing. So now I suppose I can send it back to Icom and hope they send a working unit of the right item or I can forget about the whole thing. I think I'll choose the latter. AB7JK

2988. Re: [icomr75] question about audio conrol

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-21 07:39:06 UTC
From: Radostin Danev
Topic: 2913 Message: 2988

The volume control is not analog. The pot is connected to an ADC input of the CPU. The CPU then sends voltage (from an DAC output pin) to the volume control IC (IC1251). This is why there is such step-wise action of the volume knob, noticeable especially at the beginning of the range. This design also alows for volume control through software, without touching the volume control knob.

Regards,

Rado

----- Original Message -----
From: <pjrohio@...>
To: <icomr75@yahoogroups.com>
Sent: Thursday, November 21, 2002 8:31 AM
Subject: Re: [icomr75] question about audio conrol

> My volume kicks in at the 'two-and-a-half' mark, extremely low.
> It smoothly increases throughout its range. So, it seems to
> work ok.
>
> Is this different from what you guys are describing?
>
>
> - Patrick (...looking to fix-up my R-71A)
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>

2989. Re: [icomr75] DSP question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-21 07:47:37 UTC
From: Bill Brady
Topic: 2927 Message: 2989

> Use NR when ...
>
> ANF (auto notch follow)...

Thanks Bruce!

--Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest hour that the most stars come out.

[Non-text portions of this message have been removed]

2990. Re: question about audio conrol

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-21 07:57:42 UTC
From: just_rtfm
Topic: 2913 Message: 2990

what Rado said! this is one reason i purchased an R75... lots of programming control.

phil :)

2991. Re: [icomr75] Re: DSP question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-21 07:59:35 UTC
From: Bill Brady
Topic: 2927 Message: 2991

just_rtfm Wrote:

IMO you can best see what they do graphically... note: left graphic
is a scope plot, right graphic is a spectral plot.

http://members.truepath.com/justrtfm/nranf.jpg

Phil,
I haven't looked at so many spectrum/scope plots since my old EW days. Yup,
it's clear as a bell now.
Thanks!

--Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest
hour that the most stars come out.

[Non-text portions of this message have been removed]

2992. RE: [icomr75] The DSP from hell!!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-21 08:00:34 UTC
From: Johan Letterstal
Topic: 2987 Message: 2992

Hi,
There are cases where the UT106/ANF would have problems, fast CW is one.
I suggest you test the ANF with a stable het, eg a AM-station on SSB,
slightly off frequency.

(IMO, the MFJ-784B is superior regarding notches (both in auto and in
manual-mode).
Also the NB7030 (non-DSP) for the AR7030 seems better, although it can only
cope with one het.)

73 Johan L Sweden.

-----Original Message-----
From: kabjkm2002 [mailto:kabjkm@...]
Sent: den 21 november 2002 07:16
To: icomr75@yahoogroups.com
Subject: [icomr75] The DSP from hell!!

I ordered the DSP unit after purchasing the ICR75. Happily it arrived
in only 2 weeks - the downside is Icom sent the UT 96 (a five tone
board) instead. I sent it back and three weeks later the correct unit
arrived. I installed it using the flimsy instructions in the manual
and the postings on this site. I turned it on and saw DSP in the
display but there was no audio out - dead as a door nail. I reopened
the unit (all 3000 screws), unplugged and reattached all the
connectors. This time I left the case off - turned it on again - no
audio. Then I fiddled with the wires and the radio came to life.
Apparently there is an intermittant connection in the wiring. I
finally installed the velcro and case in a way so the intermittant
problem is solved. Now the NR function works good but the Auto Notch
Filter doesn't. I tuned some CW signals in SSB mode and pressed ANF -
nothing. So now I suppose I can send it back to Icom and hope they
send a working unit of the right item or I can forget about the whole
thing. I think I'll choose the latter. AB7JK

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2993. Re: The DSP from HEAVEN !!!!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-21 12:54:28 UTC
From: atagrasin
Topic: 2987 Message: 2993

The NR or noise reduction and the ANF or automatic notch function are
both part
of the
UT-106 DSP option.DSP UNIT WITH AUTOVARIABLE NOTCH FILTER HELP
IMPROVE INTELLIGIBILITY OF TOUGH SIGNALS AND REDUCE HETERODYNES
INTERFERENCE. You can adjust the NR level from 1 to 5 and it very
effectively reduces background static (white noise) while allowing
the signal
to stand out. The received AF signals are converted to digital
signals and then
the desired signals are separated from the noise. I leave my NR on
and set on 3
or 4 and increase the level as needed. Your opinion is that the NR
isn't
impressive. I find this feature very effective and from the posts
I've read,
I'm not alone.
The ANF function automatically attenuates more than 3 beat tones,
tuning
signals, etc., even if they are moving. All you have to do to test the
effectiveness of either of the above functions is just turn them off.
The
effectiveness is obvious and in my opinion this level of DSP is what
separates
the R75 from other receivers AND WITH THE PHIL'S EASY FIDELITY MOD
[add [4] 47k resistors in parallel]the DSP feature really shine.
Atagrasin

2994. A thank you to Phil!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-21 16:14:22 UTC
From: Jim
Topic: 2994 Message: 2994

Thanks Phil for your help! We are very lucky to have Phil! Not only did he pull together a fine "cook book", and lot's of other helpful
data for us, but he is an expert on the subject of our beloved R-75's. I have been stuck twice now in operating my receiver and in both cases Phil bailed me out. The one thing I will pan about the R-75 is it's instruction manual. It leaves much to be desired when it comes to details. Once again, thanks Phil!

2995. Re: [icomr75] A thank you to Phil!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-21 19:14:58 UTC
From: John Pickrell
Topic: 2994 Message: 2995

Phil, or anyone

As I look at my S-Meter with the RF gain at maximum the display is totally understandable (I.E. at some level with a variation relative to modulation). But, as one decreases the RF gain the S-Meter reading increases and the slight variations, due to modulation, decrease to non-existence.

Just what am I looking at. How do I relate this reading to a report "you are S9+10" for example.

John P.
----- Original Message -----
From: Jim
To: icomr75@yahoogroups.com
Sent: Thursday, November 21, 2002 11:14 AM
Subject: [icomr75] A thank you to Phil!

Thanks Phil for your help! We are very lucky to have Phil! Not only
did he pull together a fine "cook book", and lot's of other
helpful
data for us, but he is an expert on the subject of our beloved R-
75's. I have been stuck twice now in operating my receiver and in
both cases Phil bailed me out. The one thing I will pan about the R-
75 is it's instruction manual. It leaves much to be desired when it
comes to details. Once again, thanks Phil!

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[Non-text portions of this message have been removed]

2996. Re: The DSP from hell!!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-21 20:54:11 UTC
From: Ubbe
Topic: 2987 Message: 2996

Johan Letterstal wrote:
>
> There are cases where the UT106/ANF would have problems,
> fast CW is one.

It's not a problem. An automatic notch filter are delibrate done with a high time constant. You could probably alter a capacitor in the UT106 to make it track faster and it would then try it best to mask out speech. You would then end up with a almost silent R75 without anything to listen to, if that is what you want from an ANF. If you monitor a conversation with a small heterodyn and you had a low time constant for the tracking, it would try and follow, and notch out, the speech and not the unwanted het.

Ubbe.

2997. Re: A thank you to Phil!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-22 04:15:21 UTC
From: LarryR
Topic: 2994 Message: 2997

You are actually looking at the RF gain, where lower S-meter values mean more gain and higher values mean less; you are not looking at the actual signal strength. The meter is tied into the AGC, or at least it is on my old Collins 73A. As the signal gets weaker, the AGC calls for more gain, and the meter "moves" to the left. I think in the older receivers, lower AGC voltage means more RF gain, so that's why the meters behave that way. The R75 may be the same, or the computer might just simulate it. Anyway, when you turn the RF gain knob counter-clockwise, you are limiting the gain. Since you are actually looking at the RF gain, not the actual signal strength, the meter moves to the right. Only when RF gain knob is straight up and the AGC is fully automatic does the S-meter represent actual signal strength.

--- In icomr75@y..., John Pickrell <jmpickrell@c...> wrote:
> Phil, or anyone
>
> As I look at my S-Meter with the RF gain at maximum the display is totally understandable (I.E. at some level with a variation relative to modulation). But, as one decreases the RF gain the S-Meter reading increases and the slight variations, due to modulation, decrease to non-existence.
>
> Just what am I looking at. How do I relate this reading to a report "you are S9+10" for example.

2998. Re: A thank you to Phil!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-22 23:16:36 UTC
From: just_rtfm
Topic: 2994 Message: 2998

> Thanks Phil for your help!

you are very welcome Jim... thank you for the kind words!

regards,
phil :)

2999. R-75 on EBAY

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-23 02:52:16 UTC
From: Jim
Topic: 2999 Message: 2999

There is what appears to be a brand new R-75 listed on ebay. It has a "buy it now price" on it of $429.00.
http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1940736771

Check out the listing and if you're interested, this looks pretty good!

3000. Optional Filters in Sync AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-23 04:03:26 UTC
From: Gary Kinsman
Topic: 3000 Message: 3000

Hello group,

Why can't optional Icom filters such as the FL-257 3.3 kHz filter be used in sync AM mode, but the Kiwa 3.8 kHz filter can be? Is it the location of the filter (soldered in vs plug in) or the bandwidth that is the restriction?

When a Kiwa 3.8 kHz filter is installed, how is it configured in filter set mode, since it's not a filter listed in the menu?

How well does the Kiwa filter work in SSB? It seems like it might be too wide to be practical, whereas the 3.3 kHz filter seems to work well, based on previous posts.

Is it possible to use the Kiwa 3.8 kHz filter for SAM and the Icom 3.3 kHz filter for SSB?

Thanks much,
Gary

3001. Re: [icomr75] Re: A thank you to Phil!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-23 04:17:47 UTC
From: John Pickrell
Topic: 2994 Message: 3001

Larry,

Thanks for your reply. In 3 calls to ICOM, the last to the "wizard", that is the best answer I've received.

I accept all of your reply about the meter response and AGC action, but...

What defies explanation, at least to me, is the action of the S-meter as variable RF gain decreases-the meter reading increases, If the meter measures gain at any position other than 12:00 o'clock it should decrease with a decrease of the RF gain. If, for example, a reasonably strong station is tuned and the attneuator is switched in/out the meter reacts as expected, I.E. high with the ATT out and Low with it in.

By the way, ICOM's answer, "don't let it bother you, enjoy the radio."

John P.
----- Original Message -----
From: LarryR
To: icomr75@yahoogroups.com
Sent: Thursday, November 21, 2002 11:15 PM
Subject: [icomr75] Re: A thank you to Phil!

You are actually looking at the RF gain, where lower S-meter values mean more gain and higher values mean less; you are not looking at the actual signal strength. The meter is tied into the AGC, or at least it is on my old Collins 73A. As the signal gets weaker, the AGC calls for more gain, and the meter "moves" to the left. I think in the older receivers, lower AGC voltage means more RF gain, so that's why the meters behave that way. The R75 may be the same, or the computer might just simulate it. Anyway, when you turn the RF gain knob counter-clockwise, you are limiting the gain. Since you are actually looking at the RF gain, not the actual signal strength, the meter moves to the right. Only when RF gain knob is straight up and the AGC is fully automatic does the S-meter represent actual signal strength.

--- In icomr75@y..., John Pickrell <jmpickrell@c...> wrote:
> Phil, or anyone
>
> As I look at my S-Meter with the RF gain at maximum the display is totally understandable (I.E. at some level with a variation relative to modulation). But, as one decreases the RF gain the S-Meter reading increases and the slight variations, due to modulation, decrease to non-existence.
>
> Just what am I looking at. How do I relate this reading to a report "you are S9+10" for example.

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3002. For Sale

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-23 06:02:53 UTC
From: tnhamop
Topic: 3002 Message: 3002

Icom IC-R75 for sale on EBay. Item # 1940940827. Great shape with no mods.

3003. Re: [icomr75] Optional Filters in Sync AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-23 06:58:18 UTC
From: Gert Nilsson
Topic: 3000 Message: 3003

The 3,3 kHz filter is on 455 kHz IF but the KIWA filter is on 450 kHz. The S-AM circuit works on 450 kHz only!
----- Original Message -----
From: Gary Kinsman
To: icomr75@yahoogroups.com
Sent: Saturday, November 23, 2002 4:03 AM
Subject: [icomr75] Optional Filters in Sync AM

Hello group,

Why can't optional Icom filters such as the FL-257 3.3 kHz filter be used in sync AM mode, but the Kiwa 3.8 kHz filter can be? Is it the location of the filter (soldered in vs plug in) or the bandwidth that is the restriction?

When a Kiwa 3.8 kHz filter is installed, how is it configured in filter set mode, since it's not a filter listed in the menu?

How well does the Kiwa filter work in SSB? It seems like it might be too wide to be practical, whereas the 3.3 kHz filter seems to work well, based on previous posts.

Is it possible to use the Kiwa 3.8 kHz filter for SAM and the Icom 3.3 kHz filter for SSB?

Thanks much,
Gary

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[Non-text portions of this message have been removed]

3004. Re: The DSP from HEAVEN !!!!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-23 07:11:33 UTC
From: kabjkm2002
Topic: 2987 Message: 3004

--- In icomr75@y..., "atagrasin" <k1c2@h...> wrote:
> The NR or noise reduction and the ANF or automatic notch function
are
> both part
> of the
> UT-106 DSP option.DSP UNIT WITH AUTOVARIABLE NOTCH FILTER HELP
> IMPROVE INTELLIGIBILITY OF TOUGH SIGNALS AND REDUCE HETERODYNES
> INTERFERENCE. You can adjust the NR level from 1 to 5 and it very
> effectively reduces background static (white noise) while allowing
> the signal
> to stand out. The received AF signals are converted to digital
> signals and then
> the desired signals are separated from the noise. I leave my NR on
> and set on 3
> or 4 and increase the level as needed. Your opinion is that the NR
> isn't
> impressive. I find this feature very effective and from the posts
> I've read,
> I'm not alone.
> The ANF function automatically attenuates more than 3 beat tones,
> tuning
> signals, etc., even if they are moving. All you have to do to test
the
> effectiveness of either of the above functions is just turn them
off.
> The
> effectiveness is obvious and in my opinion this level of DSP is
what
> separates
> the R75 from other receivers AND WITH THE PHIL'S EASY FIDELITY MOD
> [add [4] 47k resistors in parallel]the DSP feature really
shine.
> Atagrasin

You sound like a commercial for Icom. On further testing the ANF does remove faint heterodynes from AM signals. However a quality ANF will totally zap a cw signal - all you'll hear is a muffled clicking as the carrier turns on and off - not so this filter. With a quality ANF a ham station tuning up 3 kilohertz away disappears completely. So it's free - it should be! If noise is a problem this filter won't help alot - if it's not you don't need the filter anyway. AB7JK

3005. Re: A thank you to Phil!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-23 07:11:47 UTC
From: just_rtfm
Topic: 2994 Message: 3005

thanks for a great explaination Larry!

phil :)

3006. Re: The DSP from HEAVEN !!!!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-23 14:25:09 UTC
From: atagrasin
Topic: 2987 Message: 3006

> You sound like a commercial for Icom. On further testing the ANF
Please don,t get mislead by words.Some call it "the DSP of hell"
others "the DSP of heaven".It is only a personal preference issue not
a commercial issue.I give my arguments about why I like it.About
commercials WRTH 2000 rated it "Best value table-top receiver and
passport 2002 writed about it "R-75 is a first-rate receiver for
unearthing tough utility and ham signals.The DSP is only a tool but
don't do miracles.I had read reviews about more expensive DSP's that
in some areas have flaws.What I did is stop complainig and start
fixing the freq response range of the DSP with the Phil's fidelity
mod and now I,m very happy with the results.
> remove faint heterodynes from AM signals. However a quality ANF
will
> totally zap a cw signal - all you'll hear is a muffled clicking as
> the carrier turns on and off - not so this filter. With a quality
ANF
> a ham station tuning up 3 kilohertz away disappears completely. So
> it's free - it should be! If noise is a problem this filter won't
> help alot - if it's not you don't need the filter anyway. AB7JK
Try a 500hz filter with the Phil's mod and then report back.
Atagrasin

3007. R75 question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-23 17:27:29 UTC
From: Russ Kiehne
Topic: 3007 Message: 3007

Greetings, I'm blind and I'm thinking about buying the R75 because of having the speech synthesizer option. I downloaded the manual from the files section and it's not readable with my Acrobat reader with speech access. I'm wondering if someone would be kind enough to discribe the radio like the following:

The front can be broken into four areas. The speaker, the display, the bottom row of controls and the rest of the controls.

The speaker is on the left. The display makes up the top right quarter of the front.

The bottom row of controls, from left to right.

Power switch, square.
Headphone jack, 1/8 inch, stereo.
Volume knob.
Bass knob.
Treble knob.
Squelch for aircraft band. Turn full right for open squelch.
Attenuator button. Tall rectangle.
AGC button. Tall rectangle.
IF bandwidth button. Round. Each press cycles through 6, 4 and 2.3 kHz bandwidth.
AM/sync button. Round. Selects AM mode. Toggles between AM mode and sync mode.
SSB/USB/LSB button, round. Selects SSB mode and toggles between USB and LSB.
Band Button, round. Cycles through air, FM, short-wave and AM modes.

The rest of the controls. These are below the display. I'll describe them in four groups.

Rightmost is the tuning knob. Immediately to the left are up and down tuning buttons. They are tall rectangles. Tune up is above the tune down button.

Leftmost, and near the center of the radio are three rectangular buttons that are twice as wide as they are tall. They are arranged one above the other. The top is the 'clock' button for displaying the time. In the middle is the timer button. On the bottom is the lamp button.

To the right of these buttons is the numeric keypad. It is four rows of three buttons each.
1, 2, 3 in the top row.

4, 5, 6 in the second row.
7, 8, 9 in the third row.
0, period and clear are in the bottom row.
Tuning is done by entering a frequency appropriate to the band you are in. AM and short-wave frequencies are entered in kHz. FM and air frequencies are entered in MHz. The decimal point can be used for fractional frequencies. After the frequency is entered the radio will jump to the frequency. Either immediately or after a few seconds. If you have entered enough digits after the decimal point the jump is immediate. Otherwise the radio will wait two seconds an then jump. Also, the decimal point button acts as an enter key. You can enter digits up to the decimal and press the decimal point twice to jump immediately to the frequency.

Holding the clear button in for a few seconds will lock the keypad. Repeat to unlock.

To the right of the numeric keypad are eight miscellaneous buttons. They are arranged as two columns of four wider then tall buttons each.
The left column, top to bottom.
STORE.
BEEP.
SKIP.
DELETE.
The rightcolumn, top to bottom.
MEMORY.
VFO.
SW BAND.
SCAN.

That is it for the front controls.

There are two groups of connections on the back. One for antenna and the other for power and audio connections.

Facing the back of the radio, the antenna connections are on the lower left. From left to right you have the low frequency antenna selector switch, the high frequency antenna selector, and 'F' connector for the FM/AIR antenna, two pus terminals for the 500 ohm wire antenna, first the ground, then the signal connector and finally the SO-329 short-wave antenna connector.

The first switch has the 'whip', '50 ohm', and '500 ohm' antenna positions.

The second switch and 'whip' and 'F connector' settings.

Hint:For the switches, the whip positions are closer to the end of the radio and the screw on connector positions are toward the middle of the radio.

Finally, on the lower right of the back you find the left and right phono or line outputs, the power connector and the external speaker connector.

The battery cover is a big sliding panel in the center of the back. There is a ribbed surface to assist in sliding it to the left or right. Six D batteries are used. On the top row the tops of the battery point toward the whip antenna. The tops of the batteries in the bottom row point away from the whip antenna.

3008. Re: Optional Filters in Sync AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-23 19:25:15 UTC
From: Gary Kinsman
Topic: 3000 Message: 3008

Thanks, Gert, for explaining why the 455 kHz filters can't be used for S-AM. The wealth of knowledge in this group is truly amazing, and I enjoy reading all the posts.

Since we're on a roll here, does anyone have answers to my other three questions?

When a Kiwa 3.8 kHz filter is installed, how is it configured in filter set mode, since it's not a filter listed in the menu?

How well does the Kiwa filter work in SSB? It seems like it might be too wide to be practical, whereas the 3.3 kHz filter seems to work well, based on previous posts.

Is it possible to use the Kiwa 3.8 kHz filter for SAM and the Icom 3.3 kHz filter for SSB?

Thanks again,
Gary

--- In icomr75@y..., "Gert Nilsson" <gert.nilsson@m...> wrote:
> The 3,3 kHz filter is on 455 kHz IF but the KIWA filter is on 450 kHz. The S-AM circuit works on 450 kHz only!

> ----- Original Message -----
> From: Gary Kinsman
> To: icomr75@y...
> Sent: Saturday, November 23, 2002 4:03 AM
> Subject: [icomr75] Optional Filters in Sync AM
>
>
> Hello group,
>
> Why can't optional Icom filters such as the FL-257 3.3 kHz filter be
> used in sync AM mode, but the Kiwa 3.8 kHz filter can be? Is it the
> location of the filter (soldered in vs plug in) or the bandwidth that
> is the restriction?

3009. Re: [icomr75] Re: Optional Filters in Sync AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-23 21:58:02 UTC
From: Gert Nilsson
Topic: 3000 Message: 3009

This really depends on where you put your 3,8 kHz filter. If you replace the 15 kHz filter you should choose 455 kHz 15 to get the 3,8 kHz.

The 3,8 kHz will be vrey good for better audio response in AM. However you have to adjust the PBT to get the filter in the correct position. I use my 3,3 kHz most of the time to receive AM station in the SSB mode. I always use the widest filter possible in every moment to get good audio response and brighter sound.
----- Original Message -----
From: Gary Kinsman
To: icomr75@yahoogroups.com
Sent: Saturday, November 23, 2002 7:25 PM
Subject: [icomr75] Re: Optional Filters in Sync AM

Thanks, Gert, for explaining why the 455 kHz filters can't be used
for S-AM. The wealth of knowledge in this group is truly amazing, and
I enjoy reading all the posts.

Since we're on a roll here, does anyone have answers to my other
three questions?

When a Kiwa 3.8 kHz filter is installed, how is it configured in
filter set mode, since it's not a filter listed in the menu?

How well does the Kiwa filter work in SSB? It seems like it might be
too wide to be practical, whereas the 3.3 kHz filter seems to work
well, based on previous posts.

Is it possible to use the Kiwa 3.8 kHz filter for SAM and the Icom
3.3 kHz filter for SSB?

Thanks again,
Gary

--- In icomr75@y..., "Gert Nilsson" <gert.nilsson@m...> wrote:
> The 3,3 kHz filter is on 455 kHz IF but the KIWA filter is on 450
kHz. The S-AM circuit works on 450 kHz only!

> ----- Original Message -----
> From: Gary Kinsman
> To: icomr75@y...
> Sent: Saturday, November 23, 2002 4:03 AM
> Subject: [icomr75] Optional Filters in Sync AM
>
>
> Hello group,
>
> Why can't optional Icom filters such as the FL-257 3.3 kHz filter

be
> used in sync AM mode, but the Kiwa 3.8 kHz filter can be? Is it
the
> location of the filter (soldered in vs plug in) or the bandwidth
that
> is the restriction?

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3010. Re: Optional Filters in Sync AM

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-23 22:00:56 UTC
From: atagrasin
Topic: 3000 Message: 3010

> When a Kiwa 3.8 kHz filter is installed, how is it configured in
> filter set mode, since it's not a filter listed in the menu?
>
HI Garry:The answer is that after the kiwa 3.8khz filter installation
the stock 6khz filter become the 15khz filter in the menu list and
the kiwa 3.8 khz become the 6khz in the menu list.After the
installation of the kiwa 3.8 filter the twin PBT working range
perfomance improve.
Atagrasin

3011. Re: The DSP from HEAVEN !!!!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-23 23:32:06 UTC
From: just_rtfm
Topic: 2987 Message: 3011

the ANF will remove strong or faint heterodynes. it will also remove
more at one time than ICOM quoted in its literature. the ANF does
better muting CW in SSB versus AM mode.

> So it's free - it should be!

i agree... now go tell that to the makers of the Sat800, Palstar,
FRoG, R8B, and 7030+.

phil :)

3012. 350 Hz filter

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-24 01:08:05 UTC
From: KØADL
Topic: 3012 Message: 3012

I am thinking about installing the FL232 crystal filter in the 9 MHz slot of my R75. I do NOT want to lose the ability to use the factory settings for S-AM and SSB (i.e., 15, 6 and 2.4 kHz and 6, 2.4 and 2.4 kHz respectively). Can some of the filter gurus out there tell me if I will have anything other than those factory settings after I install the 350 Hz crystal in the 9 MHz IF slot? Of course, I'm thinking of using the 350 Hz crystal only for CW / RTTY narrow.

Thanks in advance for any help!

K0ADL

[Non-text portions of this message have been removed]

3013. Re: [icomr75] 350 Hz filter

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-24 04:09:22 UTC
From: Gert Nilsson
Topic: 3012 Message: 3013

You will have all the original settings in SSB, AM and other modes.
----- Original Message -----
From: KØADL
To: icomr75@yahoogroups.com
Sent: Sunday, November 24, 2002 1:08 AM
Subject: [icomr75] 350 Hz filter

I am thinking about installing the FL232 crystal filter in the 9 MHz slot of my R75. I do NOT want to lose the ability to use the factory settings for S-AM and SSB (i.e., 15, 6 and 2.4 kHz and 6, 2.4 and 2.4 kHz respectively). Can some of the filter gurus out there tell me if I will have anything other than those factory settings after I install the 350 Hz crystal in the 9 MHz IF slot? Of course, I'm thinking of using the 350 Hz crystal only for CW / RTTY narrow.

Thanks in advance for any help!

K0ADL

[Non-text portions of this message have been removed]

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3014. RS-R75 Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-24 16:39:50 UTC
From: dong302151928
Topic: 788 Message: 3014

Just purchased my R-75 Friday and discovered this group yesterday. Does anyone know if the Icom RS-R75 software will work with XP? It only mentions WIN98. Also are any of the other software programs (third party) any better? The Worldstation looks good, but apparently only works with Ten--Tec. Thanks

Don Goodrum

3015. Re: [icomr75] RS-R75 Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-24 16:57:41 UTC
From: Marv Loopstra
Topic: 788 Message: 3015

Hi Don,

I can't say about the Icom software and XP but I chose to use SmartIcom (www.fineware-swl.com) for the R75 which, as I understand, is fully XP compatible. The fineware RLDB makes a great compatible database as well.
--
Best regards,
Marv mailto:bizjetmech@...

3016. Re: RS-R75 Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-24 17:02:31 UTC
From: dong302151928
Topic: 788 Message: 3016

--- In icomr75@y..., Marv Loopstra <bizjetmech@e...> wrote:
> Hi Don,
>
> I can't say about the Icom software and XP but I chose to use
SmartIcom
> (www.fineware-swl.com) for the R75 which, as I understand, is
fully XP compatible.
> The fineware RLDB makes a great compatible database as well.
> --
> Best regards,
> Marv mailto:bizjetmech@e...

Thanks.I'll check it out.
DonG

3017. Re: RS-R75 Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-24 17:12:35 UTC
From: gricer37
Topic: 788 Message: 3017

I totaly agree about the smart icom/rldb option.The icom software is ok but you can do more with the smart icom/rldb option.
--- In icomr75@y..., Marv Loopstra <bizjetmech@e...> wrote:
> Hi Don,
>
> I can't say about the Icom software and XP but I chose to use SmartIcom
> (www.fineware-swl.com) for the R75 which, as I understand, is fully XP compatible.
> The fineware RLDB makes a great compatible database as well.
> --
> Best regards,
> Marv mailto:bizjetmech@e...

3018. RE: [icomr75] RS-R75 Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-24 17:49:35 UTC
From: Guy Atkins
Topic: 788 Message: 3018

I'm a fan of the ERGO software package, which supports multiple receivers (simultaneously, if you have the serial ports available). It can also import many database formats including the ILG. You can read the details at:

http://www.swldx.com

Guy Atkins
Puyallup, WA USA

-----Original Message-----
From: dong302151928 [mailto:dong@...]
Sent: Sunday, November 24, 2002 8:40 AM
To: icomr75@yahoogroups.com
Subject: [icomr75] RS-R75 Software

Just purchased my R-75 Friday and discovered this group yesterday. Does anyone know if the Icom RS-R75 software will work with XP? It only mentions WIN98. Also are any of the other software programs (third party) any better? The Worldstation looks good, but apparently only works with Ten--Tec. Thanks

Don Goodrum

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[Non-text portions of this message have been removed]

3019. Re: [icomr75] 350 Hz filter

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-24 17:25:32 UTC
From: Albert Menzl
Topic: 3012 Message: 3019

I am also thinking of installing an optional narrow filter for future CW work. My question to the amateurs out there : What would be the best choice of filters, considering the pileups on the bands? The choices ICOM offers in the 9MHz slot are the FL-100(500Hz), FL232(350Hz), and the FL101(250Hz). Would the FL101(250Hz) cause difficulties tuning? Is the FL100 too broad?

Al

----- Original Message -----
From: "Gert Nilsson" <gert.nilsson@...>
To: <icomr75@yahoogroups.com>
Sent: Saturday, November 23, 2002 8:09 PM
Subject: Re: [icomr75] 350 Hz filter

You will have all the original settings in SSB, AM and other modes.
----- Original Message -----
From: K?ADL
To: icomr75@yahoogroups.com
Sent: Sunday, November 24, 2002 1:08 AM
Subject: [icomr75] 350 Hz filter

I am thinking about installing the FL232 crystal filter in the 9 MHz slot of my R75. I do NOT want to lose the ability to use the factory settings for S-AM and SSB (i.e., 15, 6 and 2.4 kHz and 6, 2.4 and 2.4 kHz respectively). Can some of the filter gurus out there tell me if I will have anything other than those factory settings after I install the 350 Hz crystal in the 9 MHz IF slot? Of course, I'm thinking of using the 350 Hz crystal only for CW / RTTY narrow.

Thanks in advance for any help!

K0ADL

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3020. Re: [icomr75] 350 Hz filter

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-24 19:28:52 UTC
From: KØADL
Topic: 3012 Message: 3020

I just put a 250 in my IC718 and it is terrific. Just be sure you turn on the .00 tuning option so that you don't fly right over the cw operator you are hunting. Once you turn on the 250 Hz filter, the radio will be RAZOR sharp. It will totally block all the QRM from other close-by operators. I highly suggest it. The reason I am putting the 350 in is because I already have the 250 in my IC718, and . . . . it is pretty cheap actually -- only $80 from Universal Radio. Too bad International Radio doesn't have one -- they'd probably sell it for $50! If I had to go for one or the other, I would probably pick the 350 Hz filter though -- it would be a good compromise versus the 500 Hz crystals. You'll see a drastic difference.

Good luck,
Alan
K0ADL
----- Original Message -----
From: Albert Menzl
To: icomr75@yahoogroups.com
Sent: Sunday, November 24, 2002 10:25 AM
Subject: Re: [icomr75] 350 Hz filter

I am also thinking of installing an optional narrow filter for future CW work. My question to the amateurs out there : What would be the best choice of filters, considering the pileups on the bands? The choices ICOM offers in the 9MHz slot are the FL-100(500Hz), FL232(350Hz), and the FL101(250Hz). Would the FL101(250Hz) cause difficulties tuning? Is the FL100 too broad?

Al

----- Original Message -----
From: "Gert Nilsson" <gert.nilsson@...>
To: <icomr75@yahoogroups.com>
Sent: Saturday, November 23, 2002 8:09 PM
Subject: Re: [icomr75] 350 Hz filter

You will have all the original settings in SSB, AM and other modes.
----- Original Message -----
From: KØADL
To: icomr75@yahoogroups.com
Sent: Sunday, November 24, 2002 1:08 AM
Subject: [icomr75] 350 Hz filter

I am thinking about installing the FL232 crystal filter in the 9 MHz slot of my R75. I do NOT want to lose the ability to use the factory settings for S-AM and SSB (i.e., 15, 6 and 2.4 kHz and 6, 2.4 and 2.4 kHz respectively). Can some of the filter gurus out there tell me if I will have anything other than those factory settings after I install the 350 Hz

crystal in the 9 MHz IF slot? Of course, I'm thinking of using the 350 Hz crystal only for CW / RTTY narrow.

Thanks in advance for any help!

K0ADL

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[Non-text portions of this message have been removed]

3021. Re: [icomr75] RS-R75 Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-24 19:32:32 UTC
From: KØADL
Topic: 788 Message: 3021

Go with the FineWare (as others suggest) which DOES work on XP, but for future reference, I know that you can make an application in XP 'think' that it is running on 95/98, by fumbling with some setting -- I haven't done it, but I know it is possible in XP.
----- Original Message -----
From: dong302151928
To: icomr75@yahoogroups.com
Sent: Sunday, November 24, 2002 9:39 AM
Subject: [icomr75] RS-R75 Software

Just purchased my R-75 Friday and discovered this group yesterday.
Does anyone know if the Icom RS-R75 software will work with XP? It
only mentions WIN98. Also are any of the other software programs
(third party) any better? The Worldstation looks good, but
apparently only works with Ten--Tec. Thanks

Don Goodrum

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3022. Re: [icomr75] 350 Hz filter

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-24 19:44:50 UTC
From: Albert Menzl
Topic: 3012 Message: 3022

K0ADL,

Thanks for the feedback. I figured that for tuning around I'd leave it on a wider setting, and then narrow it down to eliminate interference. Perhaps I'll go with the 250Hz.

Al

----- Original Message -----
From: "K?ADL" <k0adlr75@...>
To: <icomr75@yahoogroups.com>
Sent: Sunday, November 24, 2002 11:28 AM
Subject: Re: [icomr75] 350 Hz filter

I just put a 250 in my IC718 and it is terrific. Just be sure you turn on the .00 tuning option so that you don't fly right over the cw operator you are hunting. Once you turn on the 250 Hz filter, the radio will be RAZOR sharp. It will totally block all the QRM from other close-by operators. I highly suggest it. The reason I am putting the 350 in is because I already have the 250 in my IC718, and . . . . it is pretty cheap actually -- only $80 from Universal Radio. Too bad International Radio doesn't have one -- they'd probably sell it for $50! If I had to go for one or the other, I would probably pick the 350 Hz filter though -- it would be a good compromise versus the 500 Hz crystals. You'll see a drastic difference.

Good luck,
Alan
K0ADL
----- Original Message -----
From: Albert Menzl
To: icomr75@yahoogroups.com
Sent: Sunday, November 24, 2002 10:25 AM
Subject: Re: [icomr75] 350 Hz filter

I am also thinking of installing an optional narrow filter for future CW work. My question to the amateurs out there : What would be the best choice of filters, considering the pileups on the bands? The choices ICOM offers in the 9MHz slot are the FL-100(500Hz), FL232(350Hz), and the FL101(250Hz). Would the FL101(250Hz) cause difficulties tuning? Is the FL100 too broad?

Al

----- Original Message -----
From: "Gert Nilsson" <gert.nilsson@...>
To: <icomr75@yahoogroups.com>
Sent: Saturday, November 23, 2002 8:09 PM

Subject: Re: [icomr75] 350 Hz filter

You will have all the original settings in SSB, AM and other modes.
----- Original Message -----
From: K?ADL
To: icomr75@yahoogroups.com
Sent: Sunday, November 24, 2002 1:08 AM
Subject: [icomr75] 350 Hz filter

I am thinking about installing the FL232 crystal filter in the 9 MHz slot
of my R75. I do NOT want to lose the ability to use the factory settings
for S-AM and SSB (i.e., 15, 6 and 2.4 kHz and 6, 2.4 and 2.4 kHz
respectively). Can some of the filter gurus out there tell me if I will
have anything other than those factory settings after I install the 350 Hz
crystal in the 9 MHz IF slot? Of course, I'm thinking of using the 350 Hz
crystal only for CW / RTTY narrow.

Thanks in advance for any help!

K0ADL

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3023. Re: RS-R75 Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-25 02:16:53 UTC
From: goldcitybeads
Topic: 788 Message: 3023

Don, I purchased the R75 software when I purchased my radio. I had trouble using it with XP on my laptop. I asked Icom if there would be updates on the software. They advised they were not going to update it and to try another package they are pushing which is very expensive since the euro is equal almost to the dollar. It was the Bonito software. I tried to get the demo and it just allowed me to see the program not actually use it. I don't like investing approx 200 dollars for something I can't even try with my radio. I personally like the fineware package best. They give you 60 days to try it and see if it is good. Does what I need and has good support. I also tried the Ergo software and found it a bit cumbersome and had hardly any radio control. Hope this helps.

TTFN

Steve

--- In icomr75@y..., "dong302151928" <dong@m...> wrote:
> Just purchased my R-75 Friday and discovered this group yesterday.
> Does anyone know if the Icom RS-R75 software will work with XP? It
> only mentions WIN98. Also are any of the other software programs
> (third party) any better? The Worldstation looks good, but
> apparently only works with Ten--Tec. Thanks
>
> Don Goodrum

3024. Re: RS-R75 Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-25 02:57:08 UTC
From: LarryR
Topic: 788 Message: 3024

Incidentally, they offer a 60 day free trial of the full program.

--- In icomr75@y..., "Guy Atkins" <dx@g...> wrote:
> I'm a fan of the ERGO software package, which supports multiple
receivers
> (simultaneously, if you have the serial ports available). It can
also import
> many database formats including the ILG. You can read the details
at:
>
> http://www.swldx.com
>
> Guy Atkins
> Puyallup, WA USA
>
> -----Original Message-----
> From: dong302151928 [mailto:dong@m...]
> Sent: Sunday, November 24, 2002 8:40 AM
> To: icomr75@y...
> Subject: [icomr75] RS-R75 Software
>
>
> Just purchased my R-75 Friday and discovered this group
yesterday.
> Does anyone know if the Icom RS-R75 software will work with XP?
It
> only mentions WIN98. Also are any of the other software programs
> (third party) any better? The Worldstation looks good, but
> apparently only works with Ten--Tec. Thanks
>
> Don Goodrum
>
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>
>
> [Non-text portions of this message have been removed]

3025. Re: [icomr75] Re: RS-R75 Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-25 14:42:27 UTC
From: Don Goodrum
Topic: 788 Message: 3025

At 02:16 AM 11/25/2002 +0000, you wrote:
>Don, I purchased the R75 software when I purchased my radio. I had
>trouble using it with XP on my laptop. I asked Icom if there would
>be updates on the software.

Thanks for the answer. I downloaded the Fineware yesterday and it appears
to be working okay. Now all I need is a good antenna.

DonG

3026. Re: [icomr75] Re: RS-R75 Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-25 14:43:39 UTC
From: Don Goodrum
Topic: 788 Message: 3026

At 02:57 AM 11/25/2002 +0000, you wrote:
>Incidentally, they offer a 60 day free trial of the full program.
>
>--- In icomr75@y..., "Guy Atkins" <dx@g...> wrote:
> > I'm a fan of the ERGO software package, which supports multiple
>receivers
> > (simultaneously, if you have the serial ports available). It can
>also import
> > many database formats including the ILG. You can read the details
>at:
> >

Thanks for the answer. I downloaded the Fineware yesterday and it appears to be working okay. Now all I need is a good antenna.

DonG

3027. Trade MINT Drake R8 For R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-26 04:40:16 UTC
From: dewayne48
Topic: 3027 Message: 3027

Have a beautiful Drake R8 and MS-8 speaker, box, R8 literature, and manual to trade for R75 with DSP and Kiwa or similar mods in similar condition. This is one of the nicest R8's you'll see! R75 must be MINT also! No cosmetic flaws please. Will double box and guarantee satisfaction!
DeWayne KE9K

3028. Re: Trade MINT Drake R8 For R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-26 04:59:13 UTC
From: dewayne48
Topic: 3027 Message: 3028

--- In icomr75@y..., "dewayne48" <ke9k@i...> wrote:
> Have a beautiful Drake R8 and MS-8 speaker, box, R8 literature,
and
> manual to trade for R75 with DSP and Kiwa or similar mods in
similar
> condition. This is one of the nicest R8's you'll see! R75 must be
> MINT also! No cosmetic flaws please. Will double box and guarantee
> satisfaction!
> DeWayne KE9K

Have pics upon request.
DeWayne

3029. R-75 Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-26 15:17:54 UTC
From: dong302151928
Topic: 3029 Message: 3029

I have been using the Fineware software for 2 days now, and it seems to fit the bill. I have only one problem, the constant beeping which can only be shut off by turning off the sound systems. Other than this all functions work great.

I have used 3 DB-9 F/M serial cables. I have checked the beep off. Has anyone else had this problem? Would appreciate any and all comments. Thanks.

Don Goodrum
dong@...
K4DBH

3030. Re: [icomr75] Trade MINT Drake R8 For R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-26 15:27:55 UTC
From: Russ Kiehne
Topic: 3027 Message: 3030

Why do you want to trade your Drake r8? I'd love to have one of those!
----- Original Message -----
From: "dewayne48" <ke9k@...>
To: <icomr75@yahoogroups.com>
Sent: Monday, November 25, 2002 8:40 PM
Subject: [icomr75] Trade MINT Drake R8 For R75

Have a beautiful Drake R8 and MS-8 speaker, box, R8 literature, and
manual to trade for R75 with DSP and Kiwa or similar mods in similar
condition. This is one of the nicest R8's you'll see! R75 must be
MINT also! No cosmetic flaws please. Will double box and guarantee
satisfaction!
DeWayne KE9K

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3031. Re: [icomr75] R-75 Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-26 15:29:56 UTC
From: Marv Loopstra
Topic: 3029 Message: 3031

Don,
I have no beeps with my software.
Is this something other that the beeps controlled by
selecting "radio/other/display/beep on-off"?
Marv

3032. Re: [icomr75] Trade MINT Drake R8 For R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-26 20:18:56 UTC
From: DeWayne
Topic: 3027 Message: 3032

Hi Russ, I don't usually keep any radio for very long. I've owned MANY real nice radios just to try them out.
DeWayne
----- Original Message -----
From: Russ Kiehne
To: icomr75@yahoogroups.com
Sent: Tuesday, November 26, 2002 10:27 AM
Subject: Re: [icomr75] Trade MINT Drake R8 For R75

Why do you want to trade your Drake r8? I'd love to have one of those!
----- Original Message -----
From: "dewayne48" <ke9k@...>
To: <icomr75@yahoogroups.com>
Sent: Monday, November 25, 2002 8:40 PM
Subject: [icomr75] Trade MINT Drake R8 For R75

Have a beautiful Drake R8 and MS-8 speaker, box, R8 literature, and manual to trade for R75 with DSP and Kiwa or similar mods in similar condition. This is one of the nicest R8's you'll see! R75 must be MINT also! No cosmetic flaws please. Will double box and guarantee satisfaction!
DeWayne KE9K

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[Non-text portions of this message have been removed]

3033. Re: [icomr75] R-75 Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-26 21:00:07 UTC
From: Don Goodrum
Topic: 3029 Message: 3033

At 07:29 AM 11/26/2002 -0800, you wrote:
>Don,
>I have no beeps with my software.
>Is this something other that the beeps controlled by
>selecting "radio/other/display/beep on-off"?
>Marv
>
>
>It appears that is the beep. Strange. Maybe Mark Fine can give me an answer.

DonG

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[Non-text portions of this message have been removed]

3034. Fw: [icomr75] RS-R75 Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-27 00:59:59 UTC
From: Mark J. Fine
Topic: 3034 Message: 3034

Been trying to send this for two days now.

Don, if you see this, please check your blocked email addresses....

Mark.
----- Original Message -----
From: "Mark J. Fine" <mark.fine@...>
To: "Don Goodrum" <dong@...>
Sent: Monday, November 25, 2002 3:16 PM
Subject: Re: [icomr75] RS-R75 Software

> From: "Don Goodrum" <dong@...>
> > Is there any way to silence the beep? I tried marking the off box to no
> avail.
>
> Beep? Uh oh. If it's beeping when it's trying to talk to the radio then
> there's most likely a comms problem.
>
> With the ICOMs, the radio has to be initially powered on before the
program
> is run. There is a "power" button on the software, but it really is more
> like a standby switch. It will not initially power the radio, but it will
> appear to turn it on and off later when pressed.
>
> If that doesn't work, the next thing I would do is try to do a full reset
of
> the radio. Some other programs leave the radio in an auto-report mode
that
> is incompatible with my software and may cause such a problem. Resetting
> the radio usually takes care of that.
>
> I would also make sure that the radio rate and the address are correct in
> the program options. It defaults to a 19.2kb rate and address 5A,
> respectively (if I recall correctly). You might want to adjust the radio
> accordingly to make sure this is correct.
>
> If there's still a problem, you might want to check the cable against the
> one we show at the bottom of our FAQ page:
> http://www.fineware-swl.com/faq.html
>
> There are some other hints there as well.
>
> 73,
>
> Mark J. Fine / mark.fine@...
> Remington, Virginia, USA

>
> Serving the Shortwave Community since 1988:
> - Owner/Proprietor, FineWare: http://www.fineware-swl.com
> - East Coast Monitor, Monitoring Times: http://www.grove-ent.com
> - English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa

3035. Re: Fw: [icomr75] RS-R75 Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-27 03:32:28 UTC
From: dong302151928
Topic: 3034 Message: 3035

--- In icomr75@y..., "Mark J. Fine" <mark.fine@f...> wrote:
> Been trying to send this for two days now.
>
> Don, if you see this, please check your blocked email addresses....
>
> Mark.
> ----- Original Message -----
> From: "Mark J. Fine" <mark.fine@f...>
> To: "Don Goodrum" <dong@m...>
> Sent: Monday, November 25, 2002 3:16 PM
> Subject: Re: [icomr75] RS-R75 Software
>
>
> > From: "Don Goodrum" <dong@m...>
> > > Is there any way to silence the beep? I tried marking the off
box to no
> > avail.
> >
Mark,

I did get the message ok and tried everything there. Still beeping.
Will reinstall the program tomorrow and let you know the results.
Thanks again for your prompt reply.

DonG
K4DBH
dong@...

3036. Voice Synth

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-27 05:23:23 UTC
From: Bill Brady
Topic: 3027 Message: 3036

Well, The UT-102 Voice Synth arrived today and I installed in my R-75. It was easy to do, with only minor annoyance from the wires for the V2.1 mods which crossed the UT-102 real estate on the way to the satellite board for the mod. Sorry for the run on there.

So I guess this means I'll keep the R-75.

--Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest hour that the most stars come out.

[Non-text portions of this message have been removed]

3037. Re: RS-R75 Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-27 14:38:50 UTC
From: LarryR
Topic: 788 Message: 3037

Which won't install under Windows XP.

--- In icomr75@y..., "LarryR" <nospam4russell@c...> wrote:
> Incidentally, they offer a 60 day free trial of the full program.
>
> --- In icomr75@y..., "Guy Atkins" <dx@g...> wrote:
> > I'm a fan of the ERGO software package, which supports multiple
> receivers
> > (simultaneously, if you have the serial ports available). It can
> also import
> > many database formats including the ILG. You can read the
details
> at:
> >
> > http://www.swldx.com
> >
> > Guy Atkins
> > Puyallup, WA USA
> >
> > -----Original Message-----
> > From: dong302151928 [mailto:dong@m...]
> > Sent: Sunday, November 24, 2002 8:40 AM
> > To: icomr75@y...
> > Subject: [icomr75] RS-R75 Software
> >
> >
> > Just purchased my R-75 Friday and discovered this group
> yesterday.
> > Does anyone know if the Icom RS-R75 software will work with
XP?
> It
> > only mentions WIN98. Also are any of the other software
programs
> > (third party) any better? The Worldstation looks good, but
> > apparently only works with Ten--Tec. Thanks
> >
> > Don Goodrum
> >
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> >
> > [Non-text portions of this message have been removed]

3038. Re: [icomr75] Trade MINT Drake R8 For R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-27 15:28:03 UTC
From: Russ Kiehne
Topic: 3027 Message: 3038

Hi DeWayne, I'm blind and I'm thinking about buying a r75. I'm still doing research on them. I like the fact it has a voice synthesizer option. I used to own an Icom 751A with speech readout and optional keypad for direct frequency access. I'd like to have a Drake r8b but don't have that much money! On the Radio Plus site, they get the top rating.

Russ
----- Original Message -----
From: "DeWayne" <ke9k@...>
To: <icomr75@yahoogroups.com>
Sent: Tuesday, November 26, 2002 12:18 PM
Subject: Re: [icomr75] Trade MINT Drake R8 For R75

> Hi Russ, I don't usually keep any radio for very long. I've owned MANY real nice radios just to try them out.
> DeWayne
> ----- Original Message -----
> From: Russ Kiehne
> To: icomr75@yahoogroups.com
> Sent: Tuesday, November 26, 2002 10:27 AM
> Subject: Re: [icomr75] Trade MINT Drake R8 For R75
>
>
> Why do you want to trade your Drake r8? I'd love to have one of those!

3039. Re: [icomr75] Trade MINT Drake R8 For R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-27 15:33:25 UTC
From: DeWayne
Topic: 3027 Message: 3039

As far as I know the Drakes don't have the voice option. I owned an R8B but I like the R8 a little better. The problem with the R75 is the AM audio, not good, but I definitely would not pay the price for a new R8B! I owned an R75 before I got the R8 and the R8's AM is far superior to an unmodified R75, that's why I am looking for a modified R75, or maybe I'll modify one myself. I love to try different radios.
DeWayne

Hi DeWayne, I'm blind and I'm thinking about buying a r75. I'm still doing research on them. I like the fact it has a voice synthesizer option. I used to own an Icom 751A with speech readout and optional keypad for direct frequency access. I'd like to have a Drake r8b but don't have that much money! On the Radio Plus site, they get the top rating.

Russ
----- Original Message -----
From: "DeWayne" <ke9k@...>
To: <icomr75@yahoogroups.com>
Sent: Tuesday, November 26, 2002 12:18 PM
Subject: Re: [icomr75] Trade MINT Drake R8 For R75

> Hi Russ, I don't usually keep any radio for very long. I've owned MANY real nice radios just to try them out.
> DeWayne
> ----- Original Message -----
> From: Russ Kiehne
> To: icomr75@yahoogroups.com
> Sent: Tuesday, November 26, 2002 10:27 AM
> Subject: Re: [icomr75] Trade MINT Drake R8 For R75
>
>
> Why do you want to trade your Drake r8? I'd love to have one of those!

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[Non-text portions of this message have been removed]

3040. Re: [icomr75] Trade MINT Drake R8 For R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-27 17:04:01 UTC
From: Russ Kiehne
Topic: 3027 Message: 3040

I'm currently using the Grundig Satellit 800 and I really like the sound and ergonomics. The only thing the 800 doesn't have is, noise blanker, passband tuning and notch filter. I'd like to have these options. I've heard the r75 has attenuation on both mw and lw, the sync loses lock on weak signals, the sync uses both sidebands. Why Icom did this, is beyond me. With my 800sync, I can select what sideband I want to get rid of adjacent interference.
Russ
----- Original Message -----
From: "DeWayne" <ke9k@...>
To: <icomr75@yahoogroups.com>
Sent: Wednesday, November 27, 2002 7:33 AM
Subject: Re: [icomr75] Trade MINT Drake R8 For R75

> As far as I know the Drakes don't have the voice option. I owned an R8B but I like the R8 a little better. The problem with the R75 is the AM audio, not good, but I definitely would not pay the price for a new R8B! I owned an R75 before I got the R8 and the R8's AM is far superior to an unmodified R75, that's why I am looking for a modified R75, or maybe I'll modify one myself. I love to try different radios.
> DeWayne

3041. Re: [icomr75] Trade MINT Drake R8 For R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-27 17:29:46 UTC
From: DeWayne
Topic: 3027 Message: 3041

Why would Icom omit so many simple mods that the average person can do at very little cost? Strange indeed! Seems to me the R75 could have been such a nice all around stock radio with very little effort from Icom.
DeWayne

I'm currently using the Grundig Satellit 800 and I really like the sound and ergonomics. The only thing the 800 doesn't have is, noise blanker, passband tuning and notch filter. I'd like to have these options. I've heard the r75 has attenuation on both mw and lw, the sync loses lock on weak signals, the sync uses both sidebands. Why Icom did this, is beyond me. With my 800sync, I can select what sideband I want to get rid of adjacent interference.
Russ
----- Original Message -----
From: "DeWayne" <ke9k@...>
To: <icomr75@yahoogroups.com>
Sent: Wednesday, November 27, 2002 7:33 AM
Subject: Re: [icomr75] Trade MINT Drake R8 For R75

> As far as I know the Drakes don't have the voice option. I owned an R8B but I like the R8 a little better. The problem with the R75 is the AM audio, not good, but I definitely would not pay the price for a new R8B! I owned an R75 before I got the R8 and the R8's AM is far superior to an unmodified R75, that's why I am looking for a modified R75, or maybe I'll modify one myself. I love to try different radios.
> DeWayne

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[Non-text portions of this message have been removed]

3042. Re: Fw: [icomr75] RS-R75 Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-27 20:55:23 UTC
From: just_rtfm
Topic: 3034 Message: 3042

howdy Mark!

you are probably aware of this but i'll mention it here for others.
what i use to power-up the ICOM is the command &H18 &H01 followed by
a 1500 mS delay before i start sending data (probably could be
shorter but i have not bothered to test it yet).

the R75 manual is WRONG. it states that &H18 &H00 will turn the radio
ON and &H18 &H01 will turn the radio OFF... they got them switched!
if someone were to use what ICOM wrote their software would not power-
up the radio but a toggle between on/off would still function.

IMO your software is the best control program for the R75.

regards,
phil :)

3043. Re: Trade MINT Drake R8 For R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-27 20:57:40 UTC
From: just_rtfm
Topic: 3027 Message: 3043

hi DeWayne:

> I owned an R8B but I like the R8 a little better.

i am curious why you liked the R8 better... mind sharing your
experience?

> The problem with the R75 is the AM audio

i could not agree more. DeWayne do the AM-AGC, Sync-AM, AND fidelity
mods. make sure to read my surface-mount soldering course PDF in the
files section if you do them yourself.

the following wav demonstrates the fidelity mod using 15 kHz filters.
DSP NR is engaged for ~4200 Hz fidelity... at 10 seconds it is turned
off, yielding ~6200 Hz fidelity.

http://members.truepath.com/justrtfm/philmod.wav

phil :)

3044. Re: Trade MINT Drake R8 For R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-27 20:59:26 UTC
From: just_rtfm
Topic: 3027 Message: 3044

hi Russ:

yes the R75 has attenuation below 1.6 MHz, the sync and AGC need repairs as per Kiwa or equivalent. you can however select a sideband during sync by engaging the dual 2.4 kHz filters and either detuning by plus or minus 1.2 kHz or turning the PBT all the way to one side or the other... this method is very effective.

phil :)

3045. Re: R75 question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-27 21:01:55 UTC
From: just_rtfm
Topic: 3007 Message: 3045

hi Russ:

here is my description of the R75 for you. sorry i forgot to send it the other day. the radio is small about the size of a sheet of paper but four inches tall.

i will break the radio into four sections from right to left that i will call left, display, knob, and right. on the left is a small speaker. from left to right below the speaker is a quarter inch phone jack followed by the power switch.

the next section is a display. below the display exists two sets of inner and outer knobs. the inner left knob is for audio volume, the outer left knob is for both RF gain and squelch. the inner right knob is the 455 kilo hertz passband tuning knob, the outer right knob is the 9 mega hertz passband tuning knob. to the right of these knobs are two buttons. the top button controls antenna selection and a setup menu. the bottom button controls clock functions.

below the knobs and these two buttons is an area with six buttons. from left to right they control the pre amplifier, attenuator, noise reduction, automatic notch filter, noise blanker, and automatic gain control.

the next section contains six buttons and the tuning dial below them. the buttons are arranged in two rows of three buttons across. the top buttons from left to right control single sideband mode, morse code or RTTY mode, and the filter setup menu. the lower buttons control AM mode, FM mode, and tuning step size. below this is the tuning dial. below the dial is a tiny lever that control how easily it will turn.

the right section contains an upper section with a keypad and lower section of other buttons. the keypad is arranged in four rows of three buttons. the first row contains one, two, and three. the second row contains four, five, and six. the third row contains seven, eight, and nine. the fourth row contains the decimal point, zero, and an enter button.

below this keypad are buttons in three rows. the first row has three buttons consisting of vfo or memory mode select, memory write, and clear. the second row as two buttons: one for selection and one for scanning. the third row has two buttons: one for down and one for up. below all these is a very small button that allows you to lock the display so that bumping the tuning knob will not cause problems.

underneath the unit is a tilt bail. i will now describe the rear of the unit from left to right. first there are two eighth inch jacks

one for a recorder remote and the other for recorder output. then there is an RS232 control followed by two more eighth inch jacks. one jack is for a CIV remote control and the other is for external mono speaker output. next is an RCA type mute control jack followed by a push type connector terminal with inputs for both ground and antenna inputs. this can be used for random wire antennas. to the right of this is the DC power input connector. above this connector is an SO-239 antenna terminal. this is for coaxial type antennas.

if you need more descriptions just ask.

regards,
phil :)

3046. Re: [icomr75] Re: Trade MINT Drake R8 For R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-27 21:08:46 UTC
From: Garth Conover
Topic: 3027 Message: 3046

http://members.truepath.com/justrtfm/philmod.wav does not seem to be working?

----- Original Message -----
From: just_rtfm
Sent: Wednesday, November 27, 2002 4:00 PM
To: icomr75@yahoogroups.com
Subject: [icomr75] Re: Trade MINT Drake R8 For R75

hi DeWayne:

> I owned an R8B but I like the R8 a little better.

i am curious why you liked the R8 better... mind sharing your
experience?

> The problem with the R75 is the AM audio

i could not agree more. DeWayne do the AM-AGC, Sync-AM, AND fidelity
mods. make sure to read my surface-mount soldering course PDF in the
files section if you do them yourself.

the following wav demonstrates the fidelity mod using 15 kHz filters.
DSP NR is engaged for ~4200 Hz fidelity... at 10 seconds it is turned
off, yielding ~6200 Hz fidelity.

http://members.truepath.com/justrtfm/philmod.wav

phil :)

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3047. Re: [icomr75] Re: Trade MINT Drake R8 For R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-27 21:17:32 UTC
From: DeWayne
Topic: 3027 Message: 3047

The sync on the R8B is marvelous, but I think the audio is richer on the R8. I love the metal tuning knob on the R8. If you have never operated an R8 you should. It's real nice. It is simple to operate and effective. I am still amazed at how signals jump out at you.

As far as the soldering I haven't done much in years and have done zero surface mount. I already read of one near catastrophe with soldering in an R75. If I was confident I'd buy a new R75, but that's why I'm looking for a nice one already done.

Your help is appreciated!
DeWayne
----- Original Message -----
From: just_rtfm
To: icomr75@yahoogroups.com
Sent: Wednesday, November 27, 2002 3:57 PM
Subject: [icomr75] Re: Trade MINT Drake R8 For R75

hi DeWayne:

> I owned an R8B but I like the R8 a little better.

i am curious why you liked the R8 better... mind sharing your
experience?

> The problem with the R75 is the AM audio

i could not agree more. DeWayne do the AM-AGC, Sync-AM, AND fidelity
mods. make sure to read my surface-mount soldering course PDF in the
files section if you do them yourself.

the following wav demonstrates the fidelity mod using 15 kHz filters.
DSP NR is engaged for ~4200 Hz fidelity... at 10 seconds it is turned
off, yielding ~6200 Hz fidelity.

http://members.truepath.com/justrtfm/philmod.wav

phil :)

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3048. Re: [icomr75] Re: Trade MINT Drake R8 For R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-27 21:29:21 UTC
From: DeWayne
Topic: 3027 Message: 3048

Forgot to mention the Drake SW2. I love that radio as much as any. Great sync det and great audio, beautiful display, remote, can easily be carried with one hand.
----- Original Message -----
From: just_rtfm
To: icomr75@yahoogroups.com
Sent: Wednesday, November 27, 2002 3:57 PM
Subject: [icomr75] Re: Trade MINT Drake R8 For R75

hi DeWayne:

> I owned an R8B but I like the R8 a little better.

i am curious why you liked the R8 better... mind sharing your
experience?

> The problem with the R75 is the AM audio

i could not agree more. DeWayne do the AM-AGC, Sync-AM, AND fidelity
mods. make sure to read my surface-mount soldering course PDF in the
files section if you do them yourself.

the following wav demonstrates the fidelity mod using 15 kHz filters.
DSP NR is engaged for ~4200 Hz fidelity... at 10 seconds it is turned
off, yielding ~6200 Hz fidelity.

http://members.truepath.com/justrtfm/philmod.wav

phil :)

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[Non-text portions of this message have been removed]

3049. Re: [icomr75] Re: Trade MINT Drake R8 For R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-27 21:50:12 UTC
From: Bill Brady
Topic: 3027 Message: 3049

> you can however select a sideband
> during sync by engaging the dual 2.4 kHz filters and either detuning
> by plus or minus 1.2 kHz or turning the PBT all the way to one side
> or the other... this method is very effective.
>
> phil :)

Phil,
But don't that degrade the audio even more? I mostly SWL and am interested in voice.
Being an old fart, when I switch to Narrow filters, I can't understand what the folks are saying.

--Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest hour that the most stars come out.

[Non-text portions of this message have been removed]

3050. Re: [icomr75] Re: Trade MINT Drake R8 For R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-27 22:31:03 UTC
From: Bill Dean
Topic: 3027 Message: 3050

Thanks for all the "Phidelity" phun Phil. Project is slated for this weekend.

Just wondering if you could post the audio file in the list area as it seems your server is timing/dropping out due to demand. I'm getting a transfer rate of less than 200b/s and have yet to get the whole file.

Thanks again and best for a great Thanksgiving (at least a Redskins victory!).

Regards,
Bill Dean

----- Original Message -----
From: just_rtfm
To: icomr75@yahoogroups.com
Sent: Wednesday, November 27, 2002 12:57 PM
Subject: [icomr75] Re: Trade MINT Drake R8 For R75

hi DeWayne:

> I owned an R8B but I like the R8 a little better.

i am curious why you liked the R8 better... mind sharing your
experience?

> The problem with the R75 is the AM audio

i could not agree more. DeWayne do the AM-AGC, Sync-AM, AND fidelity
mods. make sure to read my surface-mount soldering course PDF in the
files section if you do them yourself.

the following wav demonstrates the fidelity mod using 15 kHz filters.
DSP NR is engaged for ~4200 Hz fidelity... at 10 seconds it is turned
off, yielding ~6200 Hz fidelity.

http://members.truepath.com/justrtfm/philmod.wav

phil :)

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3051. Re: [icomr75] Trade MINT Drake R8 For R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-27 22:33:37 UTC
From: Russ Kiehne
Topic: 3027 Message: 3051

Being blind, I would have to find someone to do all of these mods. I would probably have to wait until after the warranty runs out. I need to do more research to decide if I want the r75.
Russ
----- Original Message -----
From: "DeWayne" <ke9k@...>
To: <icomr75@yahoogroups.com>
Sent: Wednesday, November 27, 2002 9:29 AM
Subject: Re: [icomr75] Trade MINT Drake R8 For R75

> Why would Icom omit so many simple mods that the average person can do at very little cost? Strange indeed! Seems to me the R75 could have been such a nice all around stock radio with very little effort from Icom.
> DeWayne

3052. Re: [icomr75] Re: Trade MINT Drake R8 For R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-27 22:42:27 UTC
From: Russ Kiehne
Topic: 3027 Message: 3052

Is there a mod to bypass the attenuation below 1.6 mhz? After doing this mod, will you get front end overload?
What's envolved with doing the sync mods. Being blind, I would have to find someone to do them?
I downloaded the owners and the cookbook from the files section to get more info on the r75. The cookbook is not at all readable with my speech accessable version of the acrobat reader. The owners manual is somewhat readable. It's going to take some editing to make it readable.
Russ
----- Original Message -----
From: "just_rtfm" <just_rtfm@...>
To: <icomr75@yahoogroups.com>
Sent: Wednesday, November 27, 2002 12:59 PM
Subject: [icomr75] Re: Trade MINT Drake R8 For R75

> hi Russ:
>
> yes the R75 has attenuation below 1.6 MHz, the sync and AGC need
> repairs as per Kiwa or equivalent. you can however select a sideband
> during sync by engaging the dual 2.4 kHz filters and either detuning
> by plus or minus 1.2 kHz or turning the PBT all the way to one side
> or the other... this method is very effective.
>
> phil :)
>
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>

3053. Re: Fw: [icomr75] RS-R75 Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-27 23:56:19 UTC
From: Mark J. Fine
Topic: 3034 Message: 3053

From: "just_rtfm" <just_rtfm@...>
> the R75 manual is WRONG. it states that &H18 &H00 will turn the radio

There were a lot of things that were wrong in that manual. The part with the memories (especially the memory text) drove me nuts. There was nothing about that whole setup that was right, and I had to figure it out trial and error. Keep in mind that the whole development was done over ICQ with Tom Sundstrom - he would test, provide results, I would recode and FTP the exe to him. After that was done, I decided never to do another control thing in the blind like that. The Lowe and the 545 addition were done like that too. Too hard to do.

I remember that we scratched heads on the power thing until it hit me that 1 = on, 0 = off, as conventional wisdom would dictate. I decided to leave the power switch in there, but it really acts like a standby in my program. Like the JRCs the ICOMs really prefer that the radio's on before sending any commands. Otherwise it's pot luck - there's no guarantee that anything will return right from a cold start. However, I'm able to detect if the radio's on or off from the get-go. BTW: I also use a delay after toggling the power switch, but only 1 seconds worth to allow for settling.

> IMO your software is the best control program for the R75.

Thanks... Now I just gotta get all that mess integrated into v4...

73,

Mark J. Fine / mark.fine@...
Remington, Virginia, USA

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- English Schedules Editor, NASWA Journal: http://www.anarc.org/naswa

3054. Re: Trade MINT Drake R8 For R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-28 01:54:23 UTC
From: just_rtfm
Topic: 3027 Message: 3054

hi DeWayne:

thanks for the feedback on the R8B and R8!

phil :)

3055. Re: Trade MINT Drake R8 For R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-28 01:57:27 UTC
From: just_rtfm
Topic: 3027 Message: 3055

> Forgot to mention the Drake SW2.

would be nice if Drake made a low-end unit.

phil :)

3056. Re: Trade MINT Drake R8 For R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-28 02:01:07 UTC
From: just_rtfm
Topic: 3027 Message: 3056

> Project is slated for this weekend.

cool! take care... the soldering should go quickly if you follow my
soldering guide.

> Just wondering if you could post the audio file

sure i'll do that!

Happy Thanksgiving,
phil :)

3057. Re: Trade MINT Drake R8 For R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-28 02:04:23 UTC
From: just_rtfm
Topic: 3027 Message: 3057

hi Bill:

> But don't that degrade the audio even more?

it can somewhat but remember you only need half the AM signal so detuning a 2.4 kHz filter is like having a "4.8" kHz AM filter that covers both sidebands... so the sound is actually pretty good once you detune or turn the PBT all the way left or right... try it! then find a station with one-sided interference and try it again... the resulting audio may surprise you.

regards,
phil :)

3058. Re: Fw: [icomr75] RS-R75 Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-28 02:36:22 UTC
From: just_rtfm
Topic: 3034 Message: 3058

> Keep in mind that the whole development was done over ICQ

wow! that must have been super difficult (and frustrating)!

> BTW: I also use a delay after toggling the power
> switch, but only 1 seconds worth to allow for settling.

thanks for the info... i will change my delay to 1000 mS.

regards,
phil :)

3059. Re: [icomr75] Re: RS-R75 Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-28 03:27:25 UTC
From: Paul Hisel
Topic: 788 Message: 3059

Did you try installing it in compatability mode?

Paul

>From: "LarryR" <nospam4russell@...>
>Reply-To: icomr75@yahoogroups.com
>To: icomr75@yahoogroups.com
>Subject: [icomr75] Re: RS-R75 Software
>Date: Wed, 27 Nov 2002 14:38:50 -0000
>
>Which won't install under Windows XP.
>
>--- In icomr75@y..., "LarryR" <nospam4russell@c...> wrote:
> > Incidentally, they offer a 60 day free trial of the full program.
> >
> > --- In icomr75@y..., "Guy Atkins" <dx@g...> wrote:
> > > I'm a fan of the ERGO software package, which supports multiple
> > receivers
> > > (simultaneously, if you have the serial ports available). It can
> > also import
> > > many database formats including the ILG. You can read the
>details
> > at:
> > >
> > > http://www.swldx.com
> > >
> > > Guy Atkins
> > > Puyallup, WA USA
> > >
> > > -----Original Message-----
> > > From: dong302151928 [mailto:dong@m...]
> > > Sent: Sunday, November 24, 2002 8:40 AM
> > > To: icomr75@y...
> > > Subject: [icomr75] RS-R75 Software
> > >
> > >
> > > Just purchased my R-75 Friday and discovered this group
> > yesterday.
> > > Does anyone know if the Icom RS-R75 software will work with
>XP?
> > It
> > > only mentions WIN98. Also are any of the other software
>programs
> > > (third party) any better? The Worldstation looks good, but
> > > apparently only works with Ten--Tec. Thanks

> > >
> > > Don Goodrum
> > >
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> > >
> > >
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> > >
> > >
> > > [Non-text portions of this message have been removed]
>

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3060. Re: RS-R75 Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-28 03:46:55 UTC
From: LarryR
Topic: 788 Message: 3060

No, so it's possible that would work.

--- In icomr75@y..., "Paul Hisel" <phise_@h...> wrote:
> Did you try installing it in compatability mode?
>
> Paul
>
>
>
>
>
>
> >From: "LarryR" <nospam4russell@c...>
> >Reply-To: icomr75@y...
> >To: icomr75@y...
> >Subject: [icomr75] Re: RS-R75 Software
> >Date: Wed, 27 Nov 2002 14:38:50 -0000
> >
> >Which won't install under Windows XP.
> >
> >--- In icomr75@y..., "LarryR" <nospam4russell@c...> wrote:
> > > Incidentally, they offer a 60 day free trial of the full
program.
> > >
> > > --- In icomr75@y..., "Guy Atkins" <dx@g...> wrote:
> > > > I'm a fan of the ERGO software package, which supports
multiple
> > > receivers
...

3061. Re: [icomr75] Re: Trade MINT Drake R8 For R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-28 04:24:51 UTC
From: Gert Nilsson
Topic: 3027 Message: 3061

This comparison is not quite correct. When you engage the DPS NR you also get some distortion! If you look at a spectrum display you will se the amplitude versus frequency curve is not flat when NR is in use.
----- Original Message -----
From: just_rtfm
To: icomr75@yahoogroups.com
Sent: Wednesday, November 27, 2002 8:57 PM
Subject: [icomr75] Re: Trade MINT Drake R8 For R75

hi DeWayne:

> I owned an R8B but I like the R8 a little better.

i am curious why you liked the R8 better... mind sharing your experience?

> The problem with the R75 is the AM audio

i could not agree more. DeWayne do the AM-AGC, Sync-AM, AND fidelity mods. make sure to read my surface-mount soldering course PDF in the files section if you do them yourself.

the following wav demonstrates the fidelity mod using 15 kHz filters. DSP NR is engaged for ~4200 Hz fidelity... at 10 seconds it is turned off, yielding ~6200 Hz fidelity.

http://members.truepath.com/justrtfm/philmod.wav

phil :)

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[Non-text portions of this message have been removed]

3062. RE: [icomr75] Re: RS-R75 Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-28 05:10:57 UTC
From: Guy Atkins
Topic: 788 Message: 3062

ERGO installed just fine under Windows XP (Home edition) on my machine.

More info from the Windows XP page at the ERGO site:

"On February 15th, we installed Windows XP Professional on a test machine.
Ergo 3 was downloaded
and installed, and ran without difficulty using the R8B on Com2. DSI
imported the ILGRadio data and
linked with the main program, as shown below.
Ergo 4 Beta was downloaded and installed, and ran without difficulty using
the R8B and AR7030. The
ILGRadio data was imported without issue. We also tested the Propagation
and Progam Update
functions, which worked."

If you're having trouble, have you contacted John Fallows the author? He's
usually very prompt to assist with issues.

-----Original Message-----
From: LarryR [mailto:nospam4russell@...]
Sent: Wednesday, November 27, 2002 6:39 AM
To: icomr75@yahoogroups.com
Subject: [icomr75] Re: RS-R75 Software

Which won't install under Windows XP.

--- In icomr75@y..., "LarryR" <nospam4russell@c...> wrote:
> Incidentally, they offer a 60 day free trial of the full program.
>
> --- In icomr75@y..., "Guy Atkins" <dx@g...> wrote:
> > I'm a fan of the ERGO software package, which supports multiple
> receivers
> > (simultaneously, if you have the serial ports available). It can
> also import
> > many database formats including the ILG. You can read the
details
> at:
> >
> > http://www.swldx.com
> >
> > Guy Atkins
> > Puyallup, WA USA

[Non-text portions of this message have been removed]

3063. Re: Trade MINT Drake R8 For R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-28 05:57:22 UTC
From: payman_a
Topic: 3027 Message: 3063

Drake's low-end unit is called Grundig Satellit 800 - designed by
Drake (US), made by Tecsun (China), and labeled as Grundig (Germany)!

payman

--- In icomr75@y..., "just_rtfm" <just_rtfm@y...> wrote:
> > Forgot to mention the Drake SW2.
>
> would be nice if Drake made a low-end unit.
>
> phil :)

3064. Re: RS-R75 Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-28 06:21:33 UTC
From: Jem Cullen
Topic: 788 Message: 3064

I have used
Mark J fines Smart r75 adn ergo with xp pro and had no trouble at all!

both work fine. Ergo is a magnificent piece of software with its importing
of skeds and propgation forcasting ability. The version I tested didnt have
the IC-R75 control module, so icant coment on that.

Similarly the Demo verison of Mark Fines s/ware doesnt allow you to update
the HFCC so teh sked is only half useful.
but as i say they are both fantastic and work well with both xp and 2000.
this week i have just installed Robert Silletts FREE SWlog software.
This is also a very very very good program for a powerful PC

____
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http://join.msn.com/?page=features/junkmail

3065. Computer noise

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-28 07:59:48 UTC
From: Jim De Witt
Topic: 3065 Message: 3065

Howdy,

I have an R-75 and enjoy it very much. My problem is when I turn on my computer, it
is like turning on jamming equipment. I have installed RF chokes with limited success.
My question is, has anyone had success with a commercial built computer that causes
little or no interference? Or a good homebuilt system that works well for them. My setup
is with a Pentium 3 @ 750mhz on an Intel board. I would love to see how the R-75 works
with computer control.

Thank you in advance for any help,

Jim in Sacramento

3066. Re: [icomr75] question about audio conrol

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-27 00:25:38 UTC
From: PjrOhio@EarthLink.Net
Topic: 2913 Message: 3066

Step-wise it may be, but I don't hear
the steps. Must be many tiny steps.

:D-;-=:

- Patrick (...looking for someone to fix-up my R-71A)

Radostin Danev wrote, in part:
>
> ...This is why there is such step-wise action
> of the volume knob...
>
>
> Regards,
>
> Rado
>

3067. Re: [icomr75] Computer noise

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-28 09:42:33 UTC
From: Simone Meggiato
Topic: 3065 Message: 3067

Hi,

first check if the origin of the noise is your computer or your monitor (swich off the monitor with computer on and listen to your R-75). If it is the monitor, you can try to change the screen refresh rate to a lower (or higher) frequency. Sometimes it works. Check the ground connection of your computer either.

Saluti,

Simone Meggiato
ICQ: 10073514
HomePage: www.simonemeggiato.it
Online dal 1991

----- Original Message -----
From: Jim De Witt
To: Icomr75
Sent: Thursday, November 28, 2002 8:59 AM
Subject: [icomr75] Computer noise

Howdy,

I have an R-75 and enjoy it very much. My problem is when I turn on my computer, it
is like turning on jamming equipment. I have installed RF chokes with limited success.
My question is, has anyone had success with a commercial built computer that causes
little or no interference? Or a good homebuilt system that works well for them. My setup
is with a Pentium 3 @ 750mhz on an Intel board. I would love to see how the R-75 works
with computer control.

Thank you in advance for any help,

Jim in Sacramento

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3068. Re: [icomr75] Re: Trade MINT Drake R8 For R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-28 13:09:46 UTC
From: Bill Brady
Topic: 3027 Message: 3068

just_rtfm Wrote:

try it! then
find a station with one-sided interference and try it again... the
resulting audio may surprise you.

I did try it on 12095 w/RTTY on the USB and could not remove the RTTY. I
must have done something wrong. I'll try again.

--Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest
hour that the most stars come out.

[Non-text portions of this message have been removed]

3069. Re: [icomr75] Computer noise

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-28 13:14:25 UTC
From: Bill Brady
Topic: 3065 Message: 3069

> My question is, has anyone had success with a commercial built computer that
> causes
> little or no interference?

My homebuilt is pretty good. It's in an ATX case which has good RF seals and I have a number of ferrite beads on various cables coming out of it. A couple of builds ago I was using AT style cases and had many problems with RFI.

--Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest hour that the most stars come out.

[Non-text portions of this message have been removed]

3070. Re: Trade MINT Drake R8 For R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-28 14:17:21 UTC
From: just_rtfm
Topic: 3027 Message: 3070

hi Bill:

> I did try it on 12095 w/RTTY on the USB

you would want to tune to ~12093.8 with both 2.4 kHz filters
engaged... also make sure that SAM is engaged. i too have had
occasions where it does not work as well as SSB... i have been
meaning to do more experimenting with it using a spectrum analyzer.
whether the filter will be effective depends on the distance the RTTY
is from the carrier (how far out on the filter attenuation curve it
resides) and its amplitude relative to the station's carrier.

regards,
phil :)

3071. Re: [icomr75] Re: Trade MINT Drake R8 For R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-28 15:18:34 UTC
From: Russ Kiehne
Topic: 3027 Message: 3071

I was going to ask the same thing. I use the 6 khz filter with my Sat 800.
using the 4 and 2.3filters, I get poor audio.
----- Original Message -----
From: "Bill Brady" <wmbrady@...>
To: <icomr75@yahoogroups.com>
Sent: Wednesday, November 27, 2002 1:50 PM
Subject: Re: [icomr75] Re: Trade MINT Drake R8 For R75

> you can however select a sideband
> during sync by engaging the dual 2.4 kHz filters and either detuning
> by plus or minus 1.2 kHz or turning the PBT all the way to one side
> or the other... this method is very effective.
>
> phil :)

Phil,
But don't that degrade the audio even more? I mostly SWL and am interested
in voice.
Being an old fart, when I switch to Narrow filters, I can't understand what
the folks are saying.

--Wm. "Bill" Brady, Harwood MD 38?51'30"N 76?41'00"W - Its in the darkest
hour that the most stars come out.

[Non-text portions of this message have been removed]

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3072. Re: [icomr75] Computer noise

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-28 15:32:16 UTC
From: Russ Kiehne
Topic: 3065 Message: 3072

Check the power supply in the computer! Make sure it is FCC type B certified. My brother bought a computer with a power supply that was not FCC type B certified and the interference wiped out everything from the am broadcast band up! After buying a new power supply that was FCC type B certified the noise went away.

----- Original Message -----
From: "Jim De Witt" <dewittjim@...>
To: "Icomr75" <icomr75@yahoogroups.com>
Sent: Wednesday, November 27, 2002 11:59 PM
Subject: [icomr75] Computer noise

>
>
> Howdy,
>
> I have an R-75 and enjoy it very much. My problem is when I turn on my
> computer, it
> is like turning on jamming equipment. I have installed RF chokes with
> limited success.
> My question is, has anyone had success with a commercial built computer
that
> causes
> little or no interference? Or a good homebuilt system that works well for
> them. My setup
> is with a Pentium 3 @ 750mhz on an Intel board. I would love to see how
the
> R-75 works
> with computer control.
>
> Thank you in advance for any help,
>
> Jim in Sacramento
>
>
>
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>

3073. Re: Trade MINT Drake R8 For R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-28 15:32:51 UTC
From: just_rtfm
Topic: 3027 Message: 3073

hi Gert:

> This comparison is not quite correct.

you are *absolutely* correct (as usual Gert). the recording is not a before and after. the recording was made to show the frequency response after modification with and without NR. it is not comparable to a before-mod and after-mod at all... you will notice significantly more highs even with the NR engaged after modification (aka first 10 secs of the recording). the mod makes the sound with NR-engaged more pleasant.

to make a direct comparison of before/after i would have wanted to broadcast my own high fidelity transmission (twice) and hook/unhook the wires... i considered it but this would be much work.

what you could do though is run this recording through a spectrum analyzer... then try the same on the output of your own unit's REC out using some music... you'll see the difference. make sure to record at a rate of 11k/s or higher to make sure the analyzer can "see" up to 5500 Hz+ of output response. the "quick and dirty" comparison is to listen carefully to the recording. i never heard highs in songs like that until after the mod. i can also tell the difference now between the 15/15 and 15/6 filters.

it's not all peaches: if you do mostly SSB work you will find yourself tweeking the twin-PBTs more as you cannot rely on the 3 kHz audio filters to do what the IF filters should... fairly small learning curve. you will also notice more high-pitched signal but also more high-pitched noise. some people may want to use the 100k-ohm resistors instead or even add a switch (both mentioned in the PDF). feeding the output into an amplified speaker with tone controls works very nicely.

regards,
phil :)

3074. Re: [icomr75] Re: R75 question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-28 16:25:12 UTC
From: Russ Kiehne
Topic: 3007 Message: 3074

Hi Phil,

Thanks, that will help. By any chance, do you know anyone who would be willing to edit the text version of the r75 manual? My speech accessable version of Acrobat reader will allow me to export the manual to text form. I did this and the r75 manual I downloaded from the files section was not very readable.

Russ
----- Original Message -----
From: "just_rtfm" <just_rtfm@...>
To: <icomr75@yahoogroups.com>
Sent: Wednesday, November 27, 2002 1:01 PM
Subject: [icomr75] Re: R75 question

> hi Russ:
>
> here is my description of the R75 for you. sorry i forgot to send it
> the other day. the radio is small about the size of a sheet of paper
> but four inches tall.
Snip

3075. Re: [icomr75] Re: Trade MINT Drake R8 For R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-28 16:27:50 UTC
From: Bill Brady
Topic: 3027 Message: 3075

just_rtfm Wrote:

or turning the PBT all the way to one side
or the other...

Phil,
Turn both knobs? or just one?

--Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest hour that the most stars come out.

[Non-text portions of this message have been removed]

3076. Re: Trade MINT Drake R8 For R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-28 17:26:48 UTC
From: just_rtfm
Topic: 3027 Message: 3076

> Turn both knobs? or just one?

i almost always detune; however, my guess is that you need to move
both knobs under AM... but under SAM only the outer (9 MHz IF) knob
needs to be moved. you can definitely tell it is working as the audio
brightens as the bandwidth changes from 1200 Hz (aka half the filter
for each side straddling the carrier) to 2400 Hz.

regards,
phil :)

3077. Re: [icomr75] Computer noise

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-28 23:53:43 UTC
From: Paul Hisel
Topic: 3065 Message: 3077

I agree with Russ on the power supply noise. I tell people on a daily basis that you get what you pay for with computer equipment/parts. Cheap power supply = noise and limited lifespan. Cheap case = RF leakage(avoid the fancy plexiglas windowed models).

I had on old 17" monitor that worked great but also generated all kinds of spurious RF at all but the very lowest resolutions. This thing would produce a nice 60 cycle hum in a guitar pickup from 20+ feet away!

Good grounding, chokes on the serial cables and getting rid of that monitor got rid of 90% of the noise on my PCR1000. Santa should be delivering my spanky new R75 soon and I can't wait to see how it compares to the PCR1000 and my Icom HF rigs.

Paul KD4FEC

>From: "Russ Kiehne" <wb6niu@...>
>Reply-To: icomr75@yahoogroups.com
>To: <icomr75@yahoogroups.com>
>Subject: Re: [icomr75] Computer noise
>Date: Thu, 28 Nov 2002 07:32:16 -0800
>
>Check the power supply in the computer! Make sure it is FCC type B
>certified. My brother bought a computer with a power supply that was not
>FCC type B certified and the interference wiped out everything from the am
>broadcast band up! After buying a new power supply that was FCC type B
>certified the noise went away.
>----- Original Message -----
>From: "Jim De Witt" <dewittjim@...>
>To: "Icomr75" <icomr75@yahoogroups.com>
>Sent: Wednesday, November 27, 2002 11:59 PM
>Subject: [icomr75] Computer noise
>
>
> >
> >
> > Howdy,
> >
> > I have an R-75 and enjoy it very much. My problem is when I turn on my
> > computer, it
> > is like turning on jamming equipment. I have installed RF chokes with
> > limited success.
> > My question is, has anyone had success with a commercial built computer
>that
> > causes
> > little or no interference? Or a good homebuilt system that works well

>for
> > them. My setup
> > is with a Pentium 3 @ 750mhz on an Intel board. I would love to see how
>the
> > R-75 works
> > with computer control.
> >
> > Thank you in advance for any help,
> >
> > Jim in Sacramento
> >
> >
> >
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3078. Preselector/Tuner For Sale

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-29 15:46:49 UTC
From: Moxie3
Topic: 3078 Message: 3078

I decided to sell my Mizuho AT-2000 passive antenna coupler (referred to by some as a preselector/tuner) which took an inordinate amount of time and effort to purchase. I just don't see much difference with using a tuner for the shortwave stations I've been receiving. You have to understand that I'm very satisfied with my R-75 without any of the mods, albeit I don't understand much of what has been discussed the last few weeks. It has less than a total of 1 hour of use, no scratches or blemishes of any kind, in new condition, immaculate; with original box and packaging and owner's manual. I would like to get my money back on it; paid $127 from a German company . Add $5 for UPS shipping anywhere within the U.S. or Canada. If you live in the Tampa area, you are welcome to try it out. At the present time, it is being used as an ornament sitting authoritatively on top of my R-75. If you have any questions, feel free to e-mail me at moxie3@...

[Non-text portions of this message have been removed]

3079. Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-11-29 17:33:20 UTC
From: dong302151928
Topic: 3079 Message: 3079

I have a Hustler 40-10 meter vertical antenna I used for hamming for a few years. I wonder if anyone has used this particular antenna for SWLing. I am using the R75. Any comments appreciated.

DonG
K4DBH
dong@...

3080. New Files Uploaded & Misc. Stuff

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-01 15:37:19 UTC
From: just_rtfm
Topic: 3080 Message: 3080

hi everyone:

first, i have uploaded a file for Pete Gianakopoulos' Advanced MW Attenuator Bypass Mod. it includes Pete's text plus a color coded schematic and a matching PCB picture. i have not done the mod but have been asked numerous times for help. as such i do not have an "after" shot... if you have one it would be much appreciated!

Pete Gianakopoulos' MW Attenuator Bypass Mod:

http://groups.yahoo.com/group/icomr75/files/Phil%27s%20Shack/PeteGMod.pdf

secondly, i have uploaded a corrected version of my 3 kHz murata filter modification. thank you Enrique for pointing out the error.

Phil's $19 AM Filter Mod:

http://groups.yahoo.com/group/icomr75/files/Phil%27s%20Shack/%20Philter.pdf

lastly, if anyone has used R1254 to set the UT-102 voice synthesizer's volume please write back so a brief PDF for this can also be uploaded. thank you.

regards,
phil :)

3081. R75 assistance needed

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-01 20:12:11 UTC
From: Russ Kiehne
Topic: 3081 Message: 3081

Greetings, I'm blind. I exported the owners manual to text form from the pdf version I downloaded. I'm wondering if someone would be kind enough to look it over, edit parts of it to make it more understandable with speech. I noticed there are a lot of illustrations in the manual! They are hard to understand with speech.

Russ

3082. Just did Phil's $19 AM Filter Mod Ver 2.0

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-02 01:50:01 UTC
From: yaichaboo
Topic: 3082 Message: 3082

Well, I ordered the $7 filters about 10 days ago, then I saw the discussion over the orientation of the filter. I was in no hurry so I sat back & watched the posts & waited for the dust to settle. Then I saw Version 2.0 when I last checked the file so I knew it was time to proceed. Very easy mod & I am more than pleased with my new "normal" filter selection with the new filter. I love this radio!

Chris

Not all who wander are lost. Tolkien

3083. Re: Just did Phil's $19 AM Filter Mod Ver 2.0

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-02 22:55:32 UTC
From: just_rtfm
Topic: 3082 Message: 3083

howdy Chris:

> Well, I ordered the $7 filters about 10 days ago, then I saw the
> discussion over the orientation of the filter. I was in no hurry
> so I sat back & watched the posts & waited for the dust to settle.
> Then I saw Version 2.0 when I last checked the file so I knew it
> was time to proceed.

i am greatful to Enrique for pointing out the error. these mods are new to the board but Ken and i have had them in our radios for many months. i never noticed that i put my filter in backwards! i would agree with Rado that "releasing" a mod is not an easy task. personally i would rather people (like Enrique) scrutinize them.

> Very easy mod & I am more than pleased with my new "normal"
> filter selection with the new filter. I love this radio!

i am happy to hear you are pleased with the filter. IMO the filter has a good sound... better than its 3 kHz bandwidth at -6 dB suggests. it has excellent rejection at -80 dB. if you look at the Murata catalog this filter is the tightest 15-element filter they make... and 15-elements AFAIK is as high as they go.

regards,
phil :)

3084. RE: [icomr75] Re: Just did Phil's $19 AM Filter Mod Ver 2.0

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-03 00:35:02 UTC
From: Enrique A. Wembagher
Topic: 3082 Message: 3084

the R75 community is great !!

Saludos desde Argentina a todos

Enrique Wembagher

> -----Mensaje original-----
> De: just_rtfm [mailto:just_rtfm@...]
> Enviado el: Lunes, 02 de Diciembre de 2002 19:56
> Para: icomr75@yahoogroups.com
> Asunto: [icomr75] Re: Just did Phil's $19 AM Filter Mod Ver 2.0
>
>
> howdy Chris:
>
> > Well, I ordered the $7 filters about 10 days ago, then I saw the
> > discussion over the orientation of the filter. I was in no hurry
> > so I sat back & watched the posts & waited for the dust to settle.
> > Then I saw Version 2.0 when I last checked the file so I knew it
> > was time to proceed.
>
> i am greatful to Enrique for pointing out the error. these mods are
> new to the board but Ken and i have had them in our radios for many
> months. i never noticed that i put my filter in backwards! i would
> agree with Rado that "releasing" a mod is not an easy task.
> personally i would rather people (like Enrique) scrutinize them.
>
> > Very easy mod & I am more than pleased with my new "normal"
> > filter selection with the new filter. I love this radio!
>
> i am happy to hear you are pleased with the filter. IMO the filter
> has a good sound... better than its 3 kHz bandwidth at -6 dB
> suggests. it has excellent rejection at -80 dB. if you look at the
> Murata catalog this filter is the tightest 15-element filter they
> make... and 15-elements AFAIK is as high as they go.
>
> regards,
> phil :)
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>

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>

3085. New Member/New r75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-03 02:14:10 UTC
From: rjs2k_kc
Topic: 3085 Message: 3085

Hello,

First, I must thank everyone in this group for all the great info posted here. I spent the last 4 days reading ALL the posts that I thought would be helpful to me.

Now with that said, I just received my r75 tonight!

All I can say is WOW! Just spent the past 3 hours learning how to drive this rig, and so far I'm really impressed. Installed the DSP (came in the same box-thought I'd have to wait).

I am sure that I wouldn't have been able to setup and enjoy this radio so quickly without being armed with all the info from here.

Thks again everyone.

Rich

3086. Re: New Member/New r75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-03 03:40:40 UTC
From: just_rtfm
Topic: 3085 Message: 3086

welcome aboard Rich! make sure to check out the file area!

regards,
phil :)

3087. Re: Just did Phil's $19 AM Filter Mod Ver 2.0

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-03 03:47:16 UTC
From: just_rtfm
Topic: 3082 Message: 3087

> the R75 community is great !!

i agree! we have a good group here.

> Saludos desde Argentina a todos

saludos desde los E.E.U.U. de parte de tu amigo,

phil :)

3088. Re: New Member/New r75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-04 01:00:35 UTC
From: Phil Troy
Topic: 3085 Message: 3088

Welcome to the group Rich.
Your excitement has brought me back to the first few days of that new radio smell wafting from the freshly opened ICOM box, permeating the air with the suptle smell of gentle component break in.....
I agree with the other Phil, take your time with the radio and print out things like Phil's Cookbook and other files and messages that you might want to refer to. I have a file with all my 75 material including the sales slip.....(only about 300 bucks more than what they are going for now....damn...).
I got used to the radio and then determined which modifications I wanted to have done.
In those days KIWA was right down the street so that spoiled me greatly.
I worked extensively with antennas and ground systems first, trying to hear everything I could.
I was very happy with the set right out of the box, but my love for the radio moved me to make it better as I could.
I have accumulated a few more radios in the mean time, but the 75 is used EVERY DAY.
My wife still claims it is possible to have a love affair with an ICOM...hahaha.
I can see it in the tabloids now.."MANS AFFAIR WITH IC-R75 IS FIRST EXAMPLE OF HOMO-RADIO COUPLING" Haahhahaha.
Again, welcome to the group.
Phil

3089. Is shortwave dying?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-04 15:44:37 UTC
From: dukeofbecker
Topic: 3089 Message: 3089

I have recently renewed my interest in SWL after a 7 year hiatus.
> Years ago, I recall there was a stir over both Radio South Africa
> and Radio Canada planning to fold.
>
> Now I see that BBC, Radio Swiss International, Radio Finland,and
> others are either curtailing English/N.American service, or folding
> altogether. Yikes!
>
> ...and here I was planning on buying a Drake R8B or Icom R-75 to
> celebrate my return to the hobby!
>
> Should I go ahead and take the plunge and sadly watch as many more
> stations die away?...or should I save my money and hedge my bet by
> perhaps buying a lesser receiver and watching more TV...
>
> Is shortwave dying?
>
> Carl

3090. Re: [icomr75] Is shortwave dying?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-04 17:41:21 UTC
From: Moxie3
Topic: 3089 Message: 3090

I guess everything is relative but I'm more than satisfied with the number of stations I receive, and I'm not at all serious about receiving those faint stations. A different radio? From what research I did, anything for less money usually results in a portable style; these are usually throw-away types as repair is so expensive. I've been that route and for a few extra bucks, you get a fine radio and,if need be, easily repaired. The R-75 is my first quality shortwave radio and it has exceeded all my expectations. Good luck in your decision.
George

--- Original Message -----
From: "dukeofbecker" <perezcj@...>
To: <icomr75@yahoogroups.com>
Sent: Wednesday, December 04, 2002 9:44 AM
Subject: [icomr75] Is shortwave dying?

> I have recently renewed my interest in SWL after a 7 year hiatus.
> > Years ago, I recall there was a stir over both Radio South Africa
> > and Radio Canada planning to fold.
> >
> > Now I see that BBC, Radio Swiss International, Radio Finland,and
> > others are either curtailing English/N.American service, or folding
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> > stations die away?...or should I save my money and hedge my bet by
> > perhaps buying a lesser receiver and watching more TV...
> >
> > Is shortwave dying?
> >
> > Carl
>
>
>
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>
>

3091. Re: [icomr75] Is shortwave dying?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-04 19:25:21 UTC
From: Russ Kiehne
Topic: 3089 Message: 3091

I'm blind and have been doing a lot of research on the R75. It looks like a great value at this time. I see it advertized for $549.95 with a free UT-106! all of the reviews I've had read to me from Passport to World Band Radio and The World radio TV handbook give this receiver a high rating. All I have to do is, buy the UT-102 speech synthesizer. I used to own an Icom IC751A in the past and it was great being able to tune the bands and know what frequency I was listening too! Currently I'm using a Grundig Satellit 800.

Russ
----- Original Message -----
From: "Moxie3" <moxie3@...>
To: <icomr75@yahoogroups.com>
Sent: Wednesday, December 04, 2002 9:41 AM
Subject: Re: [icomr75] Is shortwave dying?

> I guess everything is relative but I'm more than satisfied with the number
> of stations I receive, and I'm not at all serious about receiving those
> faint stations. A different radio? From what research I did, anything
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throw-away
> types as repair is so expensive. I've been that route and for a few extra
> bucks, you get a fine radio and,if need be, easily repaired. The R-75 is
my
> first quality shortwave radio and it has exceeded all my expectations.
Good
> luck in your decision.
> George
>
> --- Original Message -----
> From: "dukeofbecker" <perezcj@...>
> To: <icomr75@yahoogroups.com>
> Sent: Wednesday, December 04, 2002 9:44 AM
> Subject: [icomr75] Is shortwave dying?
>
>
> > I have recently renewed my interest in SWL after a 7 year hiatus.
> > > Years ago, I recall there was a stir over both Radio South Africa
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> > > Now I see that BBC, Radio Swiss International, Radio Finland,and
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> > > ...and here I was planning on buying a Drake R8B or Icom R-75 to
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> > > Carl
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3092. Re: Is shortwave dying?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-05 02:42:09 UTC
From: just_rtfm
Topic: 3089 Message: 3092

IMO there will always be interesting things on shortwave: news, talk radio, sports, religious, music, ham, aviation, maritime, fixed, beacons, pirates, numbers stations, clandestine, RTTY, SSTV, CW, BPSK-31, etc.

on MW alone there is so much to listen to... all you need is a good MW antenna and your trusty R75.

regards,
phil :)

3093. RE: Is shortwave dying?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-05 12:15:09 UTC
From: John M. Gedde
Topic: 3089 Message: 3093

Sounds like a good thing for Dxers... The heavy hitters with their 500 kW tranmitters blasting away the good DX would be a welcome thing to get rid of. At least to me...

IMHO, Shortwave certainly won't go away for those in third world countries where satallite radio is not affordable... For those living in the boondocks, shortwave may be the only option.

I'd be really happy if certain US broadcasters would transmit inside the standard bands and get out of the band edges and tropical bands where they trash DX....

I would assume that most on this board would agree with me, else they wouldn't have purchased a stunning radio like the R75... A portable with a whip antenna is good enough to listen to most Euro broadcasters...

Cheers,
John

>I have recently renewed my interest in SWL after a 7 year hiatus.
> Years ago, I recall there was a stir over both Radio South Africa and
> Radio Canada planning to fold.
>
> Now I see that BBC, Radio Swiss International, Radio Finland,and
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> stations die away?...or should I save my money and hedge my bet by
> perhaps buying a lesser receiver and watching more TV...
>
> Is shortwave dying?
>
> Carl

3094. R75, Trying to decide!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-05 16:51:45 UTC
From: Russ Kiehne
Topic: 3094 Message: 3094

Greetings, I'm blind. I'm still trying to decide if I should buy
the r75? It seems to be a great value at this point in time for $549.95
including a free UT-106. I would especially enjoy having the optional
UT-102 speech option.

How does the r75 preform without the Kiwa and or equivalent mods?
I would not want to take the chance of doing any mods until the warranty
period has run it's course.

At present I'm using a Grundig Satellit 800. The sync will out do the sync
in an unmodified r75. The sync doesn't lose lock and I have sideband
selectable sync. I know you can use ecss tuning in am mode and get good
results. Personally, it would have been more practical to have sideband
selectable sync on the r75. Why Icom
didn't do this, is beyond me!

I'm beginning to see what Gerry means in the following
http://www.dx-tools.com/BestDXrx.htm

I'm familiar with most of these and they are good performers on MW.
I've been asked why no ICOMs appear in the rankings (the R-70 now appears).
This is based primarily on my personal experience in side-by-side tests with
other radios.
I own, or have ready access to, the ICOM R-70 (heavily modified), R-71A
(with upgrades) and an R-9000 (stock). All are absolutely superb for
utility DX (my second passion) and ham use.
Unfortunately (for us) , it has historically been the case that ICOM
apparently designs for the amateur radio market (and SSB performance) and
not for the SWL/MW DX market. This shows in
side-by-side tests with other manufacturer's radios. I used an R-70 for
years for MW DX until I compared it side-by-side with radios by Drake and
JRC and immediately saw the difference, especially in weak signal
sensitivity on MW. In fact, I've never
been impressed with the sensitivity of quadruple conversion radios and have
had the greatest DX success with single- and double-conversion
units. (It seems to me that at some stage of multiple conversion, the weaker
"difference" signal is going to fall below the post-conversions amps' noise
floors unless very careful steps in design are taken...just a thought.)

3095. Where shall I buy R-75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-05 17:39:42 UTC
From: dukeofbecker
Topic: 3095 Message: 3095

Universal Radio seems to get the nod. Universal seems to have an impeccable rep, but I wish the return period(14 days) was longer. They have cut the price via Holiday Coupon another $50 for a final price of $550. I plan on getting 3 mods from Kiwa (inter. bwidth, sync detector upgrade, and fidelity upgrade) for approx $200 more.

Can anyone warn me of any trap doors I might be falling into?

Also, I plan to get the following options:

CI-V Level Converter connection to a PC RS-232C port.$ 119.95
MB-23 Carry handle. $ 10.95
DC fused Power cable for 12 VDC operation. $ 19.95
UT-102 Voice Synthesizer $ 54.95
UT-106 DSP unit free, for now

I'm a little concerned about the CI-V Level Converter for PC connection. $120 seems a bit much. Does it work OK? Will I need extra cables?
I've already downloaded the RLDB/Fineware software. Looks great, but I wonder how much of the radio I can control with this program? I primarily wish to click on frequencies in RLDB program to change stations. Am I mistaken on this?

Great group we have here...I'm really impressed by your collective diligence and technical saavy.

Thanks,
Carl

3096. Re: [icomr75] Where shall I buy R-75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-05 17:49:24 UTC
From: DeWayne
Topic: 3095 Message: 3096

Check strongsignals.net, dealer FAQ's. They have a list of Icom dealers. Email each one an ask their best price including shipping. Make sure you check Gigaparts.com. It is not rare to pick up an R75 for $500 or maybe less. A few years ago I did this on a new radio and out of ten dealers eight of them wanted $500 but two $450. So I saved $50 real easy. Do a little shopping. That's a real neat thing about email. All it costs is a little time. Don't forget to ask their return policies.
DeWayne KE9K

Universal Radio seems to get the nod. Universal seems to have an impeccable rep, but I wish the return period(14 days) was longer. They have cut the price via Holiday Coupon another $50 for a final price of $550. I plan on getting 3 mods from Kiwa (inter. bwidth, sync detector upgrade, and fidelity upgrade) for approx $200 more.

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Thanks,
Carl

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[Non-text portions of this message have been removed]

3097. Re: [icomr75] Where shall I buy R-75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-05 18:13:06 UTC
From: Bill Dean
Topic: 3095 Message: 3097

Hi Carl-

Actually the $50 "instant coupon" is ICOM's doing so you should be able to get the savings through any ICOM dealer. I recently purchased a R-75 from HRO for $498. The UT-106 was included at no cost and the "instant coupon" was simply treated as an in-store rebate, nothing to fill out and no waiting for the check to arrive.

You don't need the CI-V converter for direct control of the R-75 with the Fineware control package. A simple straight through RS-232 cable between the radio and your PC will do the trick. That's assuming you only want to control the R-75 of course- a more complex setup may indeed require the CI-V but I think you might want to hold off on that to see if your needs are met.

Good luck!

Bill Dean
----- Original Message -----
From: dukeofbecker
To: icomr75@yahoogroups.com
Sent: Thursday, December 05, 2002 9:39 AM
Subject: [icomr75] Where shall I buy R-75?

Universal Radio seems to get the nod. Universal seems to have an
impeccable rep, but I wish the return period(14 days) was longer.
They have cut the price via Holiday Coupon another $50 for a final
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stations. Am I mistaken on this?

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Thanks,
Carl

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3098. Macintosh Software for ICOM R75 Available

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-05 18:32:45 UTC
From: vr500pjh
Topic: 3098 Message: 3098

FYI

Macintosh software is now available for the ICOM R75.

Versions are available for Classic Macs (8.1 - 9.x)
and for OS X.

Requires a CI-V type interface and usb Macs also need
a USB-to-Serial converter.

Demos can be downloaded for testing before purchasing.

See http://www.experbyte.com/macr75 for more details.

Regards,

PH

3099. Re: [icomr75] Where shall I buy R-75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-05 18:41:56 UTC
From: Rik van Riel
Topic: 3095 Message: 3099

On Thu, 5 Dec 2002, dukeofbecker wrote:

> CI-V Level Converter connection to a PC RS-232C port.$ 119.95

> I'm a little concerned about the CI-V Level Converter for PC
> connection. $120 seems a bit much.

It's also completely unneeded. Your R75 comes with an
RS-232C port, all you need to connect it to your PC is
a serial cable.

Rik
--
A: No.
Q: Should I include quotations after my reply?
http://www.surriel.com/ http://guru.conectiva.com/

3100. RE: [icomr75] R75, Trying to decide!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-05 18:46:22 UTC
From: Gordon Hagewood
Topic: 3094 Message: 3100

Russ,

I'll reiterate what others have said. The R75 is so stable that selecting a sideband and using the 1 hertz tuning -- which is rarely necessary -- you will be pleased. You won't miss the AM synch on the Grundig very much. I have the Grundig too as you may recall. I have no mods to my R75 except the UT-106 and I am very pleased. I do use an MFJ-956 passive antenna tuner and that is useful. I also pipe the audio through my Harmon Kardon receiver for much, much, better audio than from the R75 stock speaker.

I use Fineware Smart Icom software to control most aspects of the R75. I don't know if you could use this since I don't know if Microsoft Narrator works with it (or even know how to set it up to check it for that matter!).

Bottom line: you will enjoy the R75.

Gordon

-----Original Message-----
From: Russ Kiehne [mailto:wb6niu@...]
Sent: Thursday, December 05, 2002 11:52 AM
To: icomr75@yahoogroups.com
Subject: [icomr75] R75, Trying to decide!

Greetings, I'm blind. I'm still trying to decide if I should buy
the r75? It seems to be a great value at this point in time for $549.95 including a free UT-106. I would especially enjoy having the optional UT-102 speech option.

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in an unmodified r75. The sync doesn't lose lock and I have sideband selectable sync. I know you can use ecss tuning in am mode and get good results. Personally, it would have been more practical to have sideband selectable sync on the r75. Why Icom
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[Non-text portions of this message have been removed]

3101. RE: [icomr75] Where shall I buy R-75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-05 18:50:43 UTC
From: Gordon Hagewood
Topic: 3095 Message: 3101

You can click directly from the database - a very nice feature.

--SNIP--
I've already downloaded the RLDB/Fineware software. Looks great,
but I wonder how much of the radio I can control with this program? I
primarily wish to click on frequencies in RLDB program to change
stations. Am I mistaken on this?

Thanks,
Carl

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[Non-text portions of this message have been removed]

3102. Re: [icomr75] Where shall I buy R-75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-05 18:22:59 UTC
From: Albert Menzl
Topic: 3095 Message: 3102

Carl,

One minor item you need to watch for is with the optional carry strap : Make sure that the little metal screws they send with it have a slight taper at the tip so that they can be "started" into the holes in the case. Mine didn't (wrong screws sent with the option package - flat tip), and as a result, my attempts to set the screw into the case didn't work. They are metal screws that have to set their own threads. The holes in the case are not threaded. Luckily for me I live in Seattle so I drove over to Bellevue to the repair facility and they ended up changing the entire case and putting in the correct screws for me. This small check can save you a big irritation.

Al Menzl
----- Original Message -----
From: dukeofbecker
To: icomr75@yahoogroups.com
Sent: Thursday, December 05, 2002 9:39 AM
Subject: [icomr75] Where shall I buy R-75?

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Thanks,
Carl

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[Non-text portions of this message have been removed]

3103. Re: [icomr75] Where shall I buy R-75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-05 19:19:23 UTC
From: Russ Kiehne
Topic: 3095 Message: 3103

Personally, I feel the CT-17 is quite pricey! I found the following on the CT-17 on the Radio netherlands site:

For receiver control, this ICOM has a DB9 (RS-232C) connector and a connector for the ICOM standard CT-17 CI-V level converter. If you are not controlling
multiple ICOM receivers or transceivers, then you do not need to purchase the expensive level converter.
----- Original Message -----
From: "dukeofbecker" <perezcj@...>
To: <icomr75@yahoogroups.com>
Sent: Thursday, December 05, 2002 9:39 AM
Subject: [icomr75] Where shall I buy R-75?

> Universal Radio seems to get the nod. Universal seems to have an
> impeccable rep, but I wish the return period(14 days) was longer.
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> but I wonder how much of the radio I can control with this program? I
> primarily wish to click on frequencies in RLDB program to change
> stations. Am I mistaken on this?
>
> Great group we have here...I'm really impressed by your collective
> diligence and technical saavy.
>
> Thanks,
> Carl
>
>

>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

3104. Re: [icomr75] Where shall I buy R-75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-05 19:24:40 UTC
From: Russ Kiehne
Topic: 3095 Message: 3104

I wished I could get the R75 for $498! If I buy it from HRO, I would have to pay 8.5 sales tax! If I buy from Universal, I pay no sales tax.
----- Original Message -----
From: "Bill Dean" <billdean@...>
To: <icomr75@yahoogroups.com>
Sent: Thursday, December 05, 2002 10:13 AM
Subject: Re: [icomr75] Where shall I buy R-75?

> Hi Carl-
>
> Actually the $50 "instant coupon" is ICOM's doing so you should be able to get the savings through any ICOM dealer. I recently purchased a R-75 from HRO for $498. The UT-106 was included at no cost and the "instant coupon" was simply treated as an in-store rebate, nothing to fill out and no waiting for the check to arrive.
>
> You don't need the CI-V converter for direct control of the R-75 with the Fineware control package. A simple straight through RS-232 cable between the radio and your PC will do the trick. That's assuming you only want to control the R-75 of course- a more complex setup may indeed require the CI-V but I think you might want to hold off on that to see if your needs are met.
>
>
> Good luck!
>
> Bill Dean
> ----- Original Message -----
> From: dukeofbecker
> To: icomr75@yahoogroups.com
> Sent: Thursday, December 05, 2002 9:39 AM
> Subject: [icomr75] Where shall I buy R-75?
>
>
>
> Universal Radio seems to get the nod. Universal seems to have an
> impeccable rep, but I wish the return period(14 days) was longer.
> They have cut the price via Holiday Coupon another $50 for a final
> price of $550. I plan on getting 3 mods from Kiwa (inter. bwidth,
> sync detector upgrade, and fidelity upgrade) for approx $200 more.
>
> Can anyone warn me of any trap doors I might be falling into?
>
> Also, I plan to get the following options:
>
> CI-V Level Converter connection to a PC RS-232C port.$ 119.95
> MB-23 Carry handle. $ 10.95

> DC fused Power cable for 12 VDC operation. $ 19.95
> UT-102 Voice Synthesizer $ 54.95
> UT-106 DSP unit free, for now
>
> I'm a little concerned about the CI-V Level Converter for PC
> connection. $120 seems a bit much. Does it work OK? Will I need extra
> cables?
> I've already downloaded the RLDB/Fineware software. Looks great,
> but I wonder how much of the radio I can control with this program? I
> primarily wish to click on frequencies in RLDB program to change
> stations. Am I mistaken on this?
>
> Great group we have here...I'm really impressed by your collective
> diligence and technical saavy.
>
> Thanks,
> Carl
>
>
>
>
>
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>
>
>
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>
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>
>
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>
>
>
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>
>
>

3105. TK-75 software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-05 20:37:49 UTC
From: Lloyd
Topic: 3105 Message: 3105

When is it gonna be upgraded to work like the TK-2 and TK-92, in that
the memories can be changed from within the sofware.

To Bob: I am willing to be a "beta-tester" for all 3 softwares
I do own a R-75 R-2 and Pro-92

Lloyd

3106. Re: [icomr75] Where shall I buy R-75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-05 20:52:13 UTC
From: efricha@dimensional.com
Topic: 3095 Message: 3106

```
>
> Personally, I feel the CT-17 is quite pricey! I found the following on the
> CT-17 on the Radio netherlands site:
>
> For receiver control, this ICOM has a DB9 (RS-232C) connector and a
> connector for the ICOM standard CT-17 CI-V level converter. If you are not
> controlling
> multiple ICOM receivers or transceivers, then you do not need to purchase
> the expensive level converter.

I opened up a CT-17 -- necessary for an ICOM R-7100 -- and IIRC there's
only one active component in it: A MAX232 RS-232 driver chip.

At least the Yaesu CAT driver boxes include optoisolators...

--
Eric F. Richards
efricha@...
"The weird part is that I can feel productive even when I'm doomed."
- Dilbert
```

3107. Re: Where shall I buy R-75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-05 21:27:10 UTC
From: LarryR
Topic: 3095 Message: 3107

Correct. All you need is a DB-15 serial cable (sometimes called a monitor cable), about $5, depending on length. Works great. I think I've also seen plans somewhere for making a converter for about $5 worth of parts.

--- In icomr75@y..., "Russ Kiehne" <wb6niu@1...> wrote:
> Personally, I feel the CT-17 is quite pricey! I found the following on the
> CT-17 on the Radio netherlands site:
>
> For receiver control, this ICOM has a DB9 (RS-232C) connector and a
> connector for the ICOM standard CT-17 CI-V level converter. If you are not
> controlling
> multiple ICOM receivers or transceivers, then you do not need to purchase
> the expensive level converter.
> ----- Original Message -----
> From: "dukeofbecker" <perezcj@c...>
> To: <icomr75@y...>
> Sent: Thursday, December 05, 2002 9:39 AM
> Subject: [icomr75] Where shall I buy R-75?
>
>
> > Universal Radio seems to get the nod. Universal seems to have an
> > impeccable rep, but I wish the return period(14 days) was longer.
> > They have cut the price via Holiday Coupon another $50 for a final
> > price of $550. I plan on getting 3 mods from Kiwa (inter. bwidth,
> > sync detector upgrade, and fidelity upgrade) for approx $200 more.
> >
> > Can anyone warn me of any trap doors I might be falling into?
> >
> > Also, I plan to get the following options:
> >
> > CI-V Level Converter connection to a PC RS-232C port.$ 119.95
> > MB-23 Carry handle. $ 10.95
> > DC fused Power cable for 12 VDC operation. $ 19.95
> > UT-102 Voice Synthesizer $ 54.95
> > UT-106 DSP unit free, for now
> >
> > I'm a little concerned about the CI-V Level Converter for PC

> > connection. $120 seems a bit much. Does it work OK? Will I need
extra
> > cables?
> > I've already downloaded the RLDB/Fineware software. Looks
great,
> > but I wonder how much of the radio I can control with this
program? I
> > primarily wish to click on frequencies in RLDB program to change
> > stations. Am I mistaken on this?
> >
> > Great group we have here...I'm really impressed by your
collective
> > diligence and technical saavy.
> >
> > Thanks,
> > Carl
> >
> >
> >
> >
> >
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> >
> >

3108. Re: [icomr75] Where shall I buy R-75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-05 21:44:46 UTC
From: Russ Kiehne
Topic: 3095 Message: 3108

All that money for a chip!
----- Original Message -----
From: <efricha@...>
To: <icomr75@yahoogroups.com>
Cc: "Eric F. Richards" <efricha@...>
Sent: Thursday, December 05, 2002 12:52 PM
Subject: Re: [icomr75] Where shall I buy R-75?

> >
> > Personally, I feel the CT-17 is quite pricey! I found the following on
the
> > CT-17 on the Radio netherlands site:
> >
> > For receiver control, this ICOM has a DB9 (RS-232C) connector and a
> > connector for the ICOM standard CT-17 CI-V level converter. If you are
not
> > controlling
> > multiple ICOM receivers or transceivers, then you do not need to
purchase
> > the expensive level converter.
>
> I opened up a CT-17 -- necessary for an ICOM R-7100 -- and IIRC there's
> only one active component in it: A MAX232 RS-232 driver chip.
>
> At least the Yaesu CAT driver boxes include optoisolators...
>
> --
> Eric F. Richards
> efricha@...
> "The weird part is that I can feel productive even when I'm doomed."
> - Dilbert
>
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>
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>

3109. Re: [icomr75] R75, Trying to decide!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-05 22:08:42 UTC
From: Russ Kiehne
Topic: 3094 Message: 3109

I have the Cambridge multimedia speakers I can use with the r75. I've used them with my Dx-398 on fm and wow what great sound. I'll probably end up using my Grundig for my Mw listening.

is Fineware Smart Icom software free? I wonder if I can try it without having the r75 hooked up. This way, I'll know if I can use it before I get the r75.
I don't use Windows XP. I use Windows 98 SE. My screen reader is Window Eyes.

Russ
----- Original Message -----
From: "Gordon Hagewood" <egh@...>
To: <icomr75@yahoogroups.com>
Sent: Thursday, December 05, 2002 10:46 AM
Subject: RE: [icomr75] R75, Trying to decide!

> Russ,
>
>
>
> I'll reiterate what others have said. The R75 is so stable that
> selecting a sideband and using the 1 hertz tuning -- which is rarely
> necessary -- you will be pleased. You won't miss the AM synch on the
> Grundig very much. I have the Grundig too as you may recall. I have no
> mods to my R75 except the UT-106 and I am very pleased. I do use an
> MFJ-956 passive antenna tuner and that is useful. I also pipe the audio
> through my Harmon Kardon receiver for much, much, better audio than from
> the R75 stock speaker.
>
>
>
> I use Fineware Smart Icom software to control most aspects of the R75.
> I don't know if you could use this since I don't know if Microsoft
> Narrator works with it (or even know how to set it up to check it for
> that matter!).
>
>
>
> Bottom line: you will enjoy the R75.
>
>
>
> Gordon

3110. Re: Where shall I buy R-75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-05 22:49:39 UTC
From: just_rtfm
Topic: 3095 Message: 3110

hello Carl:

for inexpensive PC control forget the CI-V. pick up a $14 RS232C
cable at Radio Shack. not all cables are the same (you do not want a
null modem cable). the part number you want should be #26-117B.

regards,
phil :)

3111. I am in club!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-05 23:49:10 UTC
From: amatveev1
Topic: 3111 Message: 3111

Hi, all!

I've got my R75 just yesterday! It is really amazing receiver! I bought it on eBay so I don't care about voiding warranty and can do any mods :)

Cheers,
Alex

3112. Re: I am in club!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-06 00:08:57 UTC
From: just_rtfm
Topic: 3111 Message: 3112

congratulations Alex and welcome aboard! what stuck me was the unit's
size [fits nicely on my desk] and the brightness of the display!

regards,
phil :)

3113. new member

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-06 02:03:45 UTC
From: bobinhoser
Topic: 3113 Message: 3113

hi all. just bought a r75, its really an interesting receiver. now, does anyone know what is going on with KIWA. the say they are moving out of state, diconnected there e-mail 6 weeks ago. really want to send my radio in for mods. THANKS

3114. Re: [icomr75] RE: Is shortwave dying?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-06 03:22:44 UTC
From: PjrOhio@EarthLink.Net
Topic: 3089 Message: 3114

.

"I'd be really happy if certain US broadcasters
would transmit inside the standard bands and
get out of the band edges and tropical bands
where they trash DX..."

Hi John,

What USA broadcasters might these be?

Myself, I didn't buy the IC-R75 for DX.
I just wanted to maintain that wonderful
1Hz tuning for BCL like I have with my half
dead R71A.

Got my R75 in 5/2000. As far as any mods:
I'll wait until I get a new computer system
so I can read the PDFs that I can't do now.
(Unless there are HTML or TXT mods in the file area.)

:D-;-=:

- Patrick (...looking for someone to repair my R71A)

.

3115. RE: [icomr75] new member

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-06 04:37:45 UTC
From: Guy Atkins
Topic: 3113 Message: 3115

I've been a friend of the owner since 1985, and was in touch with him just before he moved his business to Minnesota. It was going to take at least two U-Haul trips from Washington State to get all his company's stuff over there. Also, he had house hunting in two different cities to investigate. Craig is pursuing other business interests besides KIWA (it had been his only occupation for quite some time). He's had some lengthy contract work outside the USA back in the summer; I wouldn't be surprised if the same organization has sent him out of the US again for a time. Unfortunately, I've had no contact with him since mid-September. He fully intends to get KIWA up and running again (unless something's changed lately). I do know that some of his products and services were going to be discontinued :^(

Guy Atkins
Puyallup, WA

-----Original Message-----
From: bobinhoser [mailto:bobinhoser@...]
Sent: Thursday, December 05, 2002 6:04 PM
To: icomr75@yahoogroups.com
Subject: [icomr75] new member

hi all. just bought a r75, its really an interesting receiver. now, does anyone know what is going on with KIWA. the say they are moving out of state, diconnected there e-mail 6 weeks ago. really want to send my radio in for mods. THANKS

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[Non-text portions of this message have been removed]

3116. RE: [icomr75] R75, Trying to decide!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-06 12:03:34 UTC
From: Gordon Hagewood
Topic: 3094 Message: 3116

You can try it for 60 days at no charge, then you're expected to
register it for $60.

I unhooked the serial cable from my R75 and then opened Smart Icom. You
are limited, with no radio connected, to accessing the various
databases. That might give you an idea of how it sounds with Window
Eyes.

-----Original Message-----
From: Russ Kiehne [mailto:wb6niu@...]
Sent: Thursday, December 05, 2002 5:09 PM
To: icomr75@yahoogroups.com
Subject: Re: [icomr75] R75, Trying to decide!

I have the Cambridge multimedia speakers I can use with the r75. I've
used
them with my Dx-398 on fm and wow what great sound. I'll probably end
up
using my Grundig for my Mw listening.

is Fineware Smart Icom software free? I wonder if I can try it without
having the r75 hooked up. This way, I'll know if I can use it before I
get
the r75.
I don't use Windows XP. I use Windows 98 SE. My screen reader is
Window
Eyes.

Russ
----- Original Message -----
From: "Gordon Hagewood" <egh@...>
To: <icomr75@yahoogroups.com>
Sent: Thursday, December 05, 2002 10:46 AM
Subject: RE: [icomr75] R75, Trying to decide!

> Russ,
>
>
>
> I'll reiterate what others have said. The R75 is so stable that
> selecting a sideband and using the 1 hertz tuning -- which is rarely
> necessary -- you will be pleased. You won't miss the AM synch on
the
> Grundig very much. I have the Grundig too as you may recall. I have
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> mods to my R75 except the UT-106 and I am very pleased. I do use an

> MFJ-956 passive antenna tuner and that is useful. I also pipe the
audio
> through my Harmon Kardon receiver for much, much, better audio than
from
> the R75 stock speaker.
>
>
>
> I use Fineware Smart Icom software to control most aspects of the R75.
> I don't know if you could use this since I don't know if Microsoft
> Narrator works with it (or even know how to set it up to check it for
> that matter!).
>
>
>
> Bottom line: you will enjoy the R75.
>
>
>
> Gordon

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[Non-text portions of this message have been removed]

3117. Re: [icomr75] R75, Trying to decide!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-06 15:27:03 UTC
From: Russ Kiehne
Topic: 3094 Message: 3117

I mainly want to see if I can read the screen swith my screen reader. Where
do you download it from. Wow, $60.00! I did see a freeware program to
control the r75. The problem was, they stated you have to have the r75
connected or the computer will hang.
----- Original Message -----
From: "Gordon Hagewood" <egh@...>
To: <icomr75@yahoogroups.com>
Sent: Friday, December 06, 2002 4:03 AM
Subject: RE: [icomr75] R75, Trying to decide!

> You can try it for 60 days at no charge, then you're expected to
> register it for $60.
>
>
>
> I unhooked the serial cable from my R75 and then opened Smart Icom. You
> are limited, with no radio connected, to accessing the various
> databases. That might give you an idea of how it sounds with Window
> Eyes.
>
>
>
>
>
>
>
> -----Original Message-----
> From: Russ Kiehne [mailto:wb6niu@...]
> Sent: Thursday, December 05, 2002 5:09 PM
> To: icomr75@yahoogroups.com
> Subject: Re: [icomr75] R75, Trying to decide!
>
>
>
> I have the Cambridge multimedia speakers I can use with the r75. I've
> used
> them with my Dx-398 on fm and wow what great sound. I'll probably end
> up
> using my Grundig for my Mw listening.
>
> is Fineware Smart Icom software free? I wonder if I can try it without
> having the r75 hooked up. This way, I'll know if I can use it before I
> get
> the r75.
> I don't use Windows XP. I use Windows 98 SE. My screen reader is

> Window
> Eyes.
>
> Russ
> ----- Original Message -----
> From: "Gordon Hagewood" <egh@...>
> To: <icomr75@yahoogroups.com>
> Sent: Thursday, December 05, 2002 10:46 AM
> Subject: RE: [icomr75] R75, Trying to decide!
>
>
> > Russ,
> >
> >
> >
> > I'll reiterate what others have said. The R75 is so stable that
> > selecting a sideband and using the 1 hertz tuning -- which is rarely
> > necessary -- you will be pleased. You won't miss the AM synch on
> the
> > Grundig very much. I have the Grundig too as you may recall. I have
> no
> > mods to my R75 except the UT-106 and I am very pleased. I do use an
> > MFJ-956 passive antenna tuner and that is useful. I also pipe the
> audio
> > through my Harmon Kardon receiver for much, much, better audio than
> from
> > the R75 stock speaker.
> >
> >
> >
> > I use Fineware Smart Icom software to control most aspects of the R75.
> > I don't know if you could use this since I don't know if Microsoft
> > Narrator works with it (or even know how to set it up to check it for
> > that matter!).
> >
> >
> >
> > Bottom line: you will enjoy the R75.
> >
> >
> >
> > Gordon
>
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>
>
>
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>
>

3118. RE: [icomr75] R75, Trying to decide!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-06 16:01:38 UTC
From: Gordon Hagewood
Topic: 3094 Message: 3118

Russ,

Here's the link you need: http://www.fineware-swl.com/sic.html

The download link is about three quarters down the page and says:
<http://www.fineware-swl.com/downloads/siw32_32.zip> Smart Icom Control
32 v3.24e

I can send it to you off group is you like. It's 1.645 Megabytes
zipped.

Gordon

SNIP-----Original Message-----
From: Russ Kiehne [mailto:wb6niu@...]
Subject: Re: [icomr75] R75, Trying to decide!

I mainly want to see if I can read the screen swith my screen reader.
Where
do you download it from. Wow, $60.00! I did see a freeware program to
control the r75.

[Non-text portions of this message have been removed]

3119. Re: [icomr75] R75, Trying to decide!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-06 16:26:12 UTC
From: Russ Kiehne
Topic: 3094 Message: 3119

I downloaded it without any problems. I read the info on it and it sounds like a great program. It does more than I need. I would like to find a program that would allow me to set up the different options in the radio. I don't need all of these options the program you told me about does.
----- Original Message -----
From: "Gordon Hagewood" <egh@...>
To: <icomr75@yahoogroups.com>
Sent: Friday, December 06, 2002 8:01 AM
Subject: RE: [icomr75] R75, Trying to decide!

> Russ,
>
>
>
> Here's the link you need: http://www.fineware-swl.com/sic.html
>
>
>
> The download link is about three quarters down the page and says:
> <http://www.fineware-swl.com/downloads/siw32_32.zip> Smart Icom Control
> 32 v3.24e
>
>
>
> I can send it to you off group is you like. It's 1.645 Megabytes
> zipped.
>
>
>
> Gordon
>
>
>
> SNIP-----Original Message-----
> From: Russ Kiehne [mailto:wb6niu@...]
> Subject: Re: [icomr75] R75, Trying to decide!
>
>
>
> I mainly want to see if I can read the screen swith my screen reader.
> Where
> do you download it from. Wow, $60.00! I did see a freeware program to
> control the r75.
>
>

>
> [Non-text portions of this message have been removed]
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>

3120. Re: [icomr75] R75, Trying to decide!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-06 16:55:01 UTC
From: Bill Dean
Topic: 3094 Message: 3120

Hi Russ-

I've been meaning to try TK75 from Robert Parnass but haven't had the time this week. It looks interesting and supports remote control of squelch and PBT- very handy for my needs. Have a look at:

http://www.parnass.org/tk75/

Regards,
Bill Dean
----- Original Message -----
From: Russ Kiehne
To: icomr75@yahoogroups.com
Sent: Friday, December 06, 2002 8:26 AM
Subject: Re: [icomr75] R75, Trying to decide!

I downloaded it without any problems. I read the info on it and it sounds like a great program. It does more than I need. I would like to find a program that would allow me to set up the different options in the radio. I don't need all of these options the program you told me about does.
----- Original Message -----
From: "Gordon Hagewood" <egh@...>
To: <icomr75@yahoogroups.com>
Sent: Friday, December 06, 2002 8:01 AM
Subject: RE: [icomr75] R75, Trying to decide!

> Russ,
>
>
>
> Here's the link you need: http://www.fineware-swl.com/sic.html
>
>
>
> The download link is about three quarters down the page and says:
> <http://www.fineware-swl.com/downloads/siw32_32.zip> Smart Icom Control
> 32 v3.24e
>
>
>
> I can send it to you off group is you like. It's 1.645 Megabytes
> zipped.
>
>
>
> Gordon

>
>
>
> SNIP-----Original Message-----
> From: Russ Kiehne [mailto:wb6niu@...]
> Subject: Re: [icomr75] R75, Trying to decide!
>
>
>
> I mainly want to see if I can read the screen swith my screen reader.
> Where
> do you download it from. Wow, $60.00! I did see a freeware program to
> control the r75.
>
>
>
> [Non-text portions of this message have been removed]
>
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[Non-text portions of this message have been removed]

3121. Re: [icomr75] R75, Trying to decide!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-06 17:09:14 UTC
From: Russ Kiehne
Topic: 3094 Message: 3121

Thanks, I took a look and I'm not able to try the software without having an R75 hooked up to the computer. They state the computer will hang without having the r75 hooked up to the computer.
----- Original Message -----
From: "Bill Dean" <billdean@...>
To: <icomr75@yahoogroups.com>
Sent: Friday, December 06, 2002 8:55 AM
Subject: Re: [icomr75] R75, Trying to decide!

> Hi Russ-
>
> I've been meaning to try TK75 from Robert Parnass but haven't had the time this week. It looks interesting and supports remote control of squelch and PBT- very handy for my needs. Have a look at:
>
> http://www.parnass.org/tk75/
>
> Regards,
> Bill Dean
> ----- Original Message -----
> From: Russ Kiehne
> To: icomr75@yahoogroups.com
> Sent: Friday, December 06, 2002 8:26 AM
> Subject: Re: [icomr75] R75, Trying to decide!
>
>
> I downloaded it without any problems. I read the info on it and it sounds
> like a great program. It does more than I need. I would like to find a
> program that would allow me to set up the different options in the radio. I
> don't need all of these options the program you told me about does.
> ----- Original Message -----
> From: "Gordon Hagewood" <egh@...>
> To: <icomr75@yahoogroups.com>
> Sent: Friday, December 06, 2002 8:01 AM
> Subject: RE: [icomr75] R75, Trying to decide!
>
>
> > Russ,
> >
> >
> > Here's the link you need: http://www.fineware-swl.com/sic.html
> >

> >
> >
> > The download link is about three quarters down the page and says:
> > <http://www.fineware-swl.com/downloads/siw32_32.zip> Smart Icom
Control
> > 32 v3.24e
> >
> >
> >
> > I can send it to you off group is you like. It's 1.645 Megabytes
> > zipped.
> >
> >
> >
> > Gordon
> >
> >
> >
> > SNIP-----Original Message-----
> > From: Russ Kiehne [mailto:wb6niu@...]
> > Subject: Re: [icomr75] R75, Trying to decide!
> >
> >
> >
> > I mainly want to see if I can read the screen swith my screen reader.
> > Where
> > do you download it from. Wow, $60.00! I did see a freeware program
to
> > control the r75.
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> > To unsubscribe from this group, send an email to:
> > icomr75-unsubscribe@egroups.com
> >
> >
> >
> > Your use of Yahoo! Groups is subject to
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>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
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>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
> [Non-text portions of this message have been removed]
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
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>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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>
>

3122. Re: [icomr75] R75, Trying to decide!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-05 17:57:22 UTC
From: Jeff Santee
Topic: 3094 Message: 3122

----- Original Message -----
From: Russ Kiehne
To: icomr75@yahoogroups.com
Sent: Friday, December 06, 2002 4:26 PM
Subject: Re: [icomr75] R75, Trying to decide!

I downloaded it without any problems. I read the info on it and it sounds
like a great program. It does more than I need. I would like to find a
program that would allow me to set up the different options in the radio. I
don't need all of these options the program you told me about does.
==========

Russ

Since you are sight challenged, Id be willing to send you a copy of
Icoms own software appropriately called R - 75. I use it on mine and
it works very well. It shows a virtual receiver front with all the controls
and you can direct enter things from there or there is a frequency sweep
mode where you enter a lower and upper frequency and it will scan and
visually show the noise floor and the signals themselves. It also has memory
bank where you can store whatever frequencies you want ,, 100 per page
and I'm up to my 5th page now with about 400 and some stored frequencies.
It also has a bandscope feature that will show activity between 2 frequencies.
Its a fairly simple program to work. But I dont belive it will work without
the radio connected. I dont know of too many programs that will. If you'd
like a copy, send me an email offgroup and we'll talk. I'm only making this
offer to someone who has a handicap.

Jeff352@...

[Non-text portions of this message have been removed]

3123. HiFi Mod Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-06 19:04:43 UTC
From: Bill Brady
Topic: 3094 Message: 3123

Dr. Phil,
I have gotten all of my stuff together for the HiFi mod. Antex Iron, 47k resistors, silver bearing solder...

I decided to give the .pdf one more close reading before proceeding so I took it to bed with me. I ran across a sentence that bothers me. Paraphrasing, it seems to say that the mod only affects audio output if the DSP is disengaged. The rub is that I find the audio satisfactory with the DSP off. It's only with it engaged that I find the sound mushy.

Am I interpreting the paper correctly?

--Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest hour that the most stars come out.

[Non-text portions of this message have been removed]

3124. R75, Trying to decide! Software Control Programs

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-06 21:45:11 UTC
From: Ed Pusey
Topic: 3094 Message: 3124

Friends:

I've been using Tk-75 for months now, and it is absolutely superb. I find its greatest utility is creating multiple frequency files by type & having near instant access & upload capability, not to mention what seems like 100% control over all R-75 features, superb scan up/down, etc.

I also use Fineware's Smart Icom Control 32, it too is first-class.

I would add that both developers are truly helpful. Mark provided me instant feedback when I had a question on updates sometime back, and Bob even explained to me how to write a batch file to allow Tk-75 to run under Windows XP.

I think the correct answer is to have both programs - you can't go wrong.

Ed Pusey

-----Original Message-----
From: Bill Dean [mailto:billdean@...]
Sent: Friday, December 06, 2002 11:55 AM
To: icomr75@yahoogroups.com
Subject: Re: [icomr75] R75, Trying to decide!

Hi Russ-

I've been meaning to try TK75 from Robert Parnass but haven't had the time this week. It looks interesting and supports remote control of squelch and PBT- very handy for my needs. Have a look at:

http://www.parnass.org/tk75/

Regards,
Bill Dean
----- Original Message -----
From: Russ Kiehne
To: icomr75@yahoogroups.com
Sent: Friday, December 06, 2002 8:26 AM
Subject: Re: [icomr75] R75, Trying to decide!

I downloaded it without any problems. I read the info on it and it sounds
like a great program. It does more than I need. I would like to find a
program that would allow me to set up the different options in the radio. I

don't need all of these options the program you told me about does.
----- Original Message -----
From: "Gordon Hagewood" <egh@...>
To: <icomr75@yahoogroups.com>
Sent: Friday, December 06, 2002 8:01 AM
Subject: RE: [icomr75] R75, Trying to decide!

> Russ,
>
>
>
> Here's the link you need: http://www.fineware-swl.com/sic.html
>
>
>
> The download link is about three quarters down the page and says:
> <http://www.fineware-swl.com/downloads/siw32_32.zip> Smart Icom
Control
> 32 v3.24e
>
>
>
> I can send it to you off group is you like. It's 1.645 Megabytes
> zipped.
>
>
>
> Gordon
>
>
>
>

[Non-text portions of this message have been removed]

3125. Decisions, decisions

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-06 22:41:28 UTC
From: Randy True
Topic: 3125 Message: 3125

OK, I'm going to purchase one of these receivers.

I've read most of the glorious reviews for both.

Seems that most people like the one they chose.

What I would like, are opinions from people who have, or
have operated both for a time, as to which one they like for Utility
listening. Not interested in broadcast band stuff. Strictly from
a Utility perspective.

++++++++++++++++
Randy True
KD4YKV
Ryland Heights, KY
38.55.56 / 084.28.11

3126. Re: [icomr75] Decisions, decisions

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-06 23:48:36 UTC
From: DeWayne
Topic: 3125 Message: 3126

You'll be happy with the R75 for utes. It's a very fun receiver. The display is nice.
DeWayne KE9K

OK, I'm going to purchase one of these receivers.

I've read most of the glorious reviews for both.

Seems that most people like the one they chose.

What I would like, are opinions from people who have, or
have operated both for a time, as to which one they like for Utility
listening. Not interested in broadcast band stuff. Strictly from
a Utility perspective.

++++++++++++++++
Randy True
KD4YKV
Ryland Heights, KY
38.55.56 / 084.28.11

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[Non-text portions of this message have been removed]

3127. Re: HiFi Mod Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-07 01:09:24 UTC
From: atagrasin <k1c2@hotmail.com>
Topic: 3094 Message: 3127

> Paraphrasing, it seems to say that the mod only affects audio
output if the
> DSP is disengaged. The rub is that I find the audio satisfactory
with the
> DSP off. It's only with it engaged that I find the sound mushy.
>
> Am I interpreting the paper correctly?
>
HI Bill I did the fidelity mod and my report is that after the fid
mod the audio high freq range improve.About the DSP, yes, the sound
with the DSP engage improve too.

3128. Re: [icomr75] Re: HiFi Mod Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-07 01:17:25 UTC
From: Bill Brady
Topic: 3094 Message: 3128

atagrasin <k1c2@...> Wrote:

> Paraphrasing, it seems to say that the mod only affects audio
output if the
> DSP is disengaged. The rub is that I find the audio satisfactory
with the
> DSP off. It's only with it engaged that I find the sound mushy.
>
> Am I interpreting the paper correctly?
>
HI Bill I did the fidelity mod and my report is that after the fid
mod the audio high freq range improve.About the DSP, yes, the sound
with the DSP engage improve too.

Thanks Guy! I take it you like it and would do it again?

--Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest
hour that the most stars come out.

[Non-text portions of this message have been removed]

3129. RE: [hfmilcom] Computer noise

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-07 00:39:34 UTC
From: Jim De Witt
Topic: 3129 Message: 3129

Thanks to Nick and Russ,

The power supply was changed out and 99 % of the QRM is gone.
Now I can listen and compute at the same time.
And for the first time, use the computer controlling software.

Thanks again,

Jim

-----Original Message-----
From: Nick P. Norwood [mailto:nick.nemesis@...]
Sent: Thursday, November 28, 2002 2:07 AM
To: hfmilcom@yahoogroups.com
Subject: Re: [hfmilcom] Computer noise

I had a similar problem with my FRG7700. Because I do some data decoding it
needs to be fairly close to the PC and connected to it... Big noise.

There are two things I've found which help. The first and most dramatic
improvement was caused by getting the receiver above the PC. In my case the
PC system unit went on the floor and the 7700 stayed on the desk....
Drastic reduction in noise.
The second is to be aware that much of the QRM comes from your monitor. If
a specific frequency or band that you're trying to listen to is noisy, try
adjusting your monitor refresh rate and/or resolution setting (always adjust
refresh rate downwards, too high can be damaging) It's a bit of a pain but
it works.
I still get some noise, particularly from my cable modem but 99.9% of
frequencies are workable.

Hope This Helps.

Nick in Belfast
----- Original Message -----
From: Jim De Witt
To: hfmilcom
Sent: Thursday, November 28, 2002 5:28 AM
Subject: [hfmilcom] Computer noise

Howdy,

I have an R-75 and enjoy it very much. My problem is when I turn on my
computer, it
is like turning on jamming equipment. I have installed RF chokes with
limited success.
My question is, has anyone had success with a commercial built computer

that
causes
little or no interference? Or a good homebuilt system that works well for
them. My setup
is with a Pentium 3 @ 750mhz on an Intel board. I would love to see how
the
R-75 works
with computer control.

Thank you in advance for any help,

Jim in Sacramento

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[Non-text portions of this message have been removed]

3130. need help with mod info

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-07 01:54:07 UTC
From: bobinhoser <bobinhoser@yahoo.com>
Topic: 3130 Message: 3130

hi all. i decided i only want two mods for now, i think the sync am thing is a lost cause without designing a completely new one, my opinion only. one is the audio freq response improvement, the other is a simple(i hope) way to slow down the agc release time, its way to fast for me, fluttery am signals really pump it, hopefully i can parallel a cap across the one that determines decay time. point me in the right direction if you can. i think the audio one just involved some resistors.this radio is just great FUN to operate. my fully loaded kenwood r5000 is off to Ebay. thanks to all..have a nice weekend BOB.....

3131. Re: HiFi Mod Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-07 02:46:19 UTC
From: just_rtfm <just_rtfm@yahoo.com>
Topic: 3094 Message: 3131

howdy Bill:

the mod effects audio both with and without the DSP engaged. if you feel the audio is satisfactory with the DSP off then i would not do the mod. the upside to the mod is more high frequency sound... the downside, there can be more high frequency noise.

about an hour ago i found some 90k-ohm resistors and was curious so i removed my 47k-ohm ones and gave the 90's a try. i noticed a drop in fidelity and can no longer tell the difference between 15/15 and 15/6... i'll post more specific data in the future.

my advice: if you like the audio the way it is do not change it. if you want to try the mod use wire-wrap and leave the leads long so you can add a switch or try another set of resistors. by using wire-wrap the mod is very non-permenant... you can remove it in under a minute using scissors.

regards,
phil :)

3132. Re: [icomr75] Re: HiFi Mod Question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-07 03:59:35 UTC
From: Bill Brady
Topic: 3094 Message: 3132

just_rtfm <just_rtfm@...> Wrote:

my advice: if you like the audio the way it is do not change it. if
you want to try the mod use wire-wrap and leave the leads long so you
can add a switch or try another set of resistors. by using wire-wrap
the mod is very non-permenant... you can remove it in under a minute
using scissors.

regards,
phil :)

Thanks Phil,
I understand what you say. I would like to have the same "fidelity" using
the DSP as without it though. I do have a wire-wrap gun...

Decisions, decisions.

--Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest
hour that the most stars come out.

[Non-text portions of this message have been removed]

3133. PDA & SWLing

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-07 04:02:47 UTC
From: Bill Brady
Topic: 3094 Message: 3133

Hi gang,

Does anyone out there use a PDA in conjunction with SWLing?

I am tempted to pick up one of the hot Sony B&W deals. I am just not sure how it would handle my logs, searching on various fields etcetera.

--Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest hour that the most stars come out.

[Non-text portions of this message have been removed]

3134. Re: Where shall I buy R-75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-07 19:05:13 UTC
From: dukeofbecker <perezcj@cobleskill.edu>
Topic: 3095 Message: 3134

Thanks to all in this thread for your great info. I saved $120 by not buying the unnecessary CI-V unit. I've e-mailed 12 iCOM dealers for a R-75 best price. So far, 7 have responded. The lowest quote so far is $479 + $8 shipping (to upstate NY) from Rad-Comm Radio in Lubbock, TX (phone: 1-800-588-2426 web: http://www.radcomm.bizland.com/rad-comm/

I'm going to take the plunge after next paycheck!!

Thanks & cya,
Carl

--- In icomr75@yahoogroups.com, "just_rtfm" <just_rtfm@y...> wrote:
> hello Carl:
>
> for inexpensive PC control forget the CI-V. pick up a $14 RS232C
> cable at Radio Shack. not all cables are the same (you do not want
a
> null modem cable). the part number you want should be #26-117B.
>
> regards,
> phil :)

3135. RE: [icomr75] Re: Where shall I buy R-75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-07 19:12:38 UTC
From: Gordon Hagewood
Topic: 3095 Message: 3135

Congratulations! You're going to thoroughly enjoy this receiver.

Gordon

-----Original Message-----
From: dukeofbecker <perezcj@...>
[mailto:perezcj@...]
Sent: Saturday, December 07, 2002 2:05 PM
To: icomr75@yahoogroups.com
Subject: [icomr75] Re: Where shall I buy R-75?

Thanks to all in this thread for your great info. I saved $120 by not buying the unnecessary CI-V unit. I've e-mailed 12 iCOM dealers for a R-75 best price. So far, 7 have responded. The lowest quote so far is $479 + $8 shipping (to upstate NY) from Rad-Comm Radio in Lubbock, TX (phone: 1-800-588-2426 web: http://www.radcomm.bizland.com/rad-comm/

I'm going to take the plunge after next paycheck!!

Thanks & cya,
Carl

--- In icomr75@yahoogroups.com, "just_rtfm" <just_rtfm@y...> wrote:
> hello Carl:
>
> for inexpensive PC control forget the CI-V. pick up a $14 RS232C
> cable at Radio Shack. not all cables are the same (you do not want
a
> null modem cable). the part number you want should be #26-117B.
>
> regards,
> phil :)

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[Non-text portions of this message have been removed]

3137. Re: [icomr75] need help with mod info

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-07 22:39:27 UTC
From: jimvaljef@aol.com
Topic: 3130 Message: 3137

In a message dated 12/6/02 8:55:47 PM Eastern Standard Time,
bobinhoser@... writes:

> my fully
> loaded kenwood r5000 is off to Ebay. thanks to all..have a nice
> weekend BOB.....
>

How did you like the audio on the R5000 Bob? I have one and find it quite
pleasant on AM signals using an aftermarket 6 khz filter. Jim

[Non-text portions of this message have been removed]

3138. Re: Decisions, decisions

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-07 23:49:55 UTC
From: just_rtfm <just_rtfm@yahoo.com>
Topic: 3125 Message: 3138

hi Randy:

i realize now that you're trying to decide between the RX-350 and the R75 for utility work. i do not own both and suspect not many do. ICOM and TenTec are big names in amateur and both radios boast 1 Hz tuning steps and triple conversion.

here are some important distinctions: the RX-350 has 1024 memories whereas the R75 has only 100 (PC hookup may make this point moot). the RX-350 has a bandscope... there are probably PC bandscopes for either. the RX-350 has 34 DSP bandwidths; however, the R75's twin PBTs can be turned in opposite directions to variably narrow the bandpass from ~2400 Hz to ~400 Hz.

physically the RX-350 is much bigger than the R75. the R75 boasts extra coverage to 60 MHz, is more sensitive, has better IP3, and allows for optional (mechanical, crystal, or ceramic) filters [for better ultimate rejection, IMO this is important]. the RX-350 does not come with a keypad, apparently has BCB images in LW, and some have complained about display ghosting and granularity.

you can pick up an R75 for $530... less than half the cost of an RX-350. Passport calls the R75: "a first-rate receiver for unearthing tough utility and ham signals". WRTH gave the R75 five stars for overall value. i have never heard of anyone buying an R75 for utility work and being displeased. get the proper antenna for whatever you're after and you're set!

regards,
phil :)

3139. Re: R75, Trying to decide!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-08 03:03:44 UTC
From: just_rtfm <just_rtfm@yahoo.com>
Topic: 3094 Message: 3139

hi Russ:

what will be your main usage for the radio? are you planning on keeping your Satellit 800? what type antenna will you use? you should be aware of the AM flaws in the radio before you purchase. without the mods you may use ECSS for most AM stations whereby you tune them using single sideband. single sideband offers no selective fading and great adjacent channel rejection. for what it is worth you can select a sideband on AM via the narrow filters and passband tuning.

my main usage is medium wave so let me play devils advocate and tell the other side of the story with with regard to Gerry's comments. he is correct regarding the stock unit's AM performance but has he done side by side testing with a modified R75? some who frequent this board have. JRC's unit is three times the cost of a modified ICOM. the medium wave weak signal sensitivity he speaks of being worse on the ICOM is due to an internal 10 dB attenutator. what strikes me as odd about his comment is that Gerry makes MW antennas... EXCELLENT MW antennas that employ 40 dB of gain. his antennas totally negate the 10 dB of attenuation that ICOM uses. his idea that triple conversion is inferior sensitivity-wise is in my opinion unfounded. it just so happens that ICOM uses triple conversion and an attenuator. checking the specs you will find that on shortwave the R75 is one of the most sensitive receivers. lastly, while it is true that each mixer adds harmonic distortions this trick is used by ICOM on purpose to add to intellligibility. ICOM is not a leader in amateur radio for nothing.

regards,
phil :)

3140. Re: [icomr75] Re: R75, Trying to decide!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-08 16:23:26 UTC
From: Russ Kiehne
Topic: 3094 Message: 3140

Hi Phil,

I plan on keeping my Satellit 800. It has such great sound! I'll probably use it for my mw listening. AT present, I use a 27 inch loop I inductively couple to the Satellit 800 with very good results. Later i would like to get a Quantom loop. I also have a small pickup loop I can hook to the R75 to inductively couple my large loop too.

I'll use the r75 for listening to shortwave and the ham bands. I enjoy listening to the 40 meter swap net on Saturday and Sunday afternoons. I have a long wire I use for hf listening.
I was wondering, why did Icom put in attenuation in the r75 for mw and lw? After doing the mod to remove this attenuation, will you get front end overload?
At present, the r75 seems to be the only receiver with a voice synthesizer option. From the number of reviews I've read on the internet, friends have read to me over the phone, the r75 is a great vaule!

Russ
----- Original Message -----
From: <just_rtfm@...>
To: <icomr75@yahoogroups.com>
Sent: Saturday, December 07, 2002 7:03 PM
Subject: [icomr75] Re: R75, Trying to decide!

> hi Russ:
>
> what will be your main usage for the radio? are you planning on
> keeping your Satellit 800? what type antenna will you use? you should
> be aware of the AM flaws in the radio before you purchase. without
> the mods you may use ECSS for most AM stations whereby you tune them
> using single sideband. single sideband offers no selective fading and
> great adjacent channel rejection. for what it is worth you can select
> a sideband on AM via the narrow filters and passband tuning.
>
> my main usage is medium wave so let me play devils advocate and tell
> the other side of the story with with regard to Gerry's comments. he
> is correct regarding the stock unit's AM performance but has he done
> side by side testing with a modified R75? some who frequent this
> board have. JRC's unit is three times the cost of a modified ICOM.
> the medium wave weak signal sensitivity he speaks of being worse on
> the ICOM is due to an internal 10 dB attenutator. what strikes me as
> odd about his comment is that Gerry makes MW antennas... EXCELLENT MW
> antennas that employ 40 dB of gain. his antennas totally negate the
> 10 dB of attenuation that ICOM uses. his idea that triple conversion
> is inferior sensitivity-wise is in my opinion unfounded. it just so

> happens that ICOM uses triple conversion and an attenuator. checking
> the specs you will find that on shortwave the R75 is one of the most
> sensitive receivers. lastly, while it is true that each mixer adds
> harmonic distortions this trick is used by ICOM on purpose to add to
> intellligibility. ICOM is not a leader in amateur radio for nothing.
>
> regards,
> phil :)
>
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

3141. Re: R75, Trying to decide!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-08 16:55:39 UTC
From: atagrasin <k1c2@hotmail.com>
Topic: 3094 Message: 3141

--- In icomr75@yahoogroups.com, "Russ Kiehne" <wb6niu@1...> wrote:
> I was wondering, why did Icom put in attenuation in the r75 for mw and lw?
> After doing the mod to remove this attenuation, will you get front end
> overload?
No,I did the MW attenuator mod and I,m not getting any overload in MW.Check in files for the Attenuatr mod parts.You will need one 1mh inductor and one SF 100 ohms resistor.
Atagrasin.

3142. Re: [icomr75] Re: R75, Trying to decide!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-08 17:12:16 UTC
From: Russ Kiehne
Topic: 3094 Message: 3142

I won't be able to do the mod until after the warranty runs out. I'm blind and I'll have to find someone to do the mod for me. In the mean time, I have my Satellit 800 I can use for mw.
----- Original Message -----
From: <k1c2@...>
To: <icomr75@yahoogroups.com>
Sent: Sunday, December 08, 2002 8:55 AM
Subject: [icomr75] Re: R75, Trying to decide!

> --- In icomr75@yahoogroups.com, "Russ Kiehne" <wb6niu@1...> wrote:
> > I was wondering, why did Icom put in attenuation in the r75 for mw
> and lw?
> > After doing the mod to remove this attenuation, will you get front
> end
> > overload?
> No,I did the MW attenuator mod and I,m not getting any overload in
> MW.Check in files for the Attenuatr mod parts.You will need one 1mh
> inductor and one SF 100 ohms resistor.
> Atagrasin.
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

3143. Re: R75, Trying to decide!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-08 18:17:12 UTC
From: just_rtfm <just_rtfm@yahoo.com>
Topic: 3094 Message: 3143

hi Russ:

here is another perspective. if you plan on keeping your Satellit 800 then the stock R75 will be a great second radio. you may even opt not to do any of the AM mods on your R75. i am unsure why ICOM used a MW attenuator in the R75. i did read that Pete, the creator of the attenuator bypass mod, lives within four miles of three 50 thousand watt stations and experiences no overload.

the R75 and Quantum loop are a potent combo for medium wave reception. because of attenuation the Satellit 800 is about three times as sensitive as the R75 on medium wave but Gerry's awesome loop provides 40 dB of gain. this is a gain of ten thousand and it is more than enough with or without the R75 being modified. on medium wave the antenna is everything whether it be a beverage, K9AY loop, or amplified indoor loop. medium wave has so much to offer.

on shortwave the R75 is very sensitive and ham reception is excellent especially using the DSP. some people do not like the DSP but in my opinion it is a real blessing for your ears while tuning. by the way, if you cannot read my R75 cookbook i will gladly mail you a text version.

regards,
phil :)

3144. Re: [icomr75] Re: R75, Trying to decide!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-08 19:06:09 UTC
From: Russ Kiehne
Topic: 3094 Message: 3144

Hi Phil,

I downloaded the r75 cookbook and it seems to be all illustrations! It's not readable. I would like to have it in text form.

Here in the San Francisco bay area, we have 5 50000 wat stations and another coming next year!

I want the r75 because of having the DSP, noice blanker, notch filter, passband tuning and especially the voice synthesizer. The Satellit 800 has none of these. After having the IC751A in the past with a voice synthesizer, i miss this option!

Do you use the Quantum loop?
Have you used the Kiwa air core loop?

Russ
----- Original Message -----
From: <just_rtfm@...>
To: <icomr75@yahoogroups.com>
Sent: Sunday, December 08, 2002 10:17 AM
Subject: [icomr75] Re: R75, Trying to decide!

> hi Russ:
>
> here is another perspective. if you plan on keeping your Satellit 800
> then the stock R75 will be a great second radio. you may even opt not
> to do any of the AM mods on your R75. i am unsure why ICOM used a MW
> attenuator in the R75. i did read that Pete, the creator of the
> attenuator bypass mod, lives within four miles of three 50 thousand
> watt stations and experiences no overload.
>
> the R75 and Quantum loop are a potent combo for medium wave
> reception. because of attenuation the Satellit 800 is about three
> times as sensitive as the R75 on medium wave but Gerry's awesome loop
> provides 40 dB of gain. this is a gain of ten thousand and it is more
> than enough with or without the R75 being modified. on medium wave
> the antenna is everything whether it be a beverage, K9AY loop, or
> amplified indoor loop. medium wave has so much to offer.
>
> on shortwave the R75 is very sensitive and ham reception is excellent
> especially using the DSP. some people do not like the DSP but in my
> opinion it is a real blessing for your ears while tuning. by the way,
> if you cannot read my R75 cookbook i will gladly mail you a text
> version.
>

> regards,
> phil :)
>
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

3145. 3 mods done

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-08 19:07:46 UTC
From: amatveev1 <amatveev@hotmail.com>
Topic: 3145 Message: 3145

Yesterday I did phidelity, AGC and SAM rev1.1 mods. Results are quite impressive! Next weekend I am planning to do SAM rev2.0 and MW attenuator mods. My R75 becomes better and better! :)
What I really need now is good antenna. I ordered all staff for it (longwire) from R&L but they have no ICE 182A in stock and I am waiting month already while they are trying to back order it.

3146. Re: [icomr75] Re: R75, Trying to decide!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-08 19:11:03 UTC
From: Bruce Jensen
Topic: 3094 Message: 3146

--- "atagrasin <k1c2@...>" <k1c2@...> wrote:
> --- In icomr75@yahoogroups.com, "Russ Kiehne" <wb6niu@1...> wrote:
> > I was wondering, why did Icom put in attenuation in the r75 for mw
> and lw?
> > After doing the mod to remove this attenuation, will you get front
> end
> > overload?
> No,I did the MW attenuator mod and I,m not getting any overload in
> MW.Check in files for the Attenuatr mod parts.You will need one 1mh
> inductor and one SF 100 ohms resistor.
> Atagrasin.

Atagrasin - do you live near any high power AM stations?

Without the mod, and even with a PAR high-pass filter, I get three
stations doing their image/intermod thing. It may not be either the radio
or the antennae, but I'd hate to do anything that'd make it worse.

Bruce Jensen

Do you Yahoo!?
Yahoo! Mail Plus - Powerful. Affordable. Sign up now.
http://mailplus.yahoo.com

3147. Re: [icomr75] Re: R75, Trying to decide!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-08 19:18:59 UTC
From: Russ Kiehne
Topic: 3094 Message: 3147

Here in the San Francisco bay area, we have 5 50000 wat stations and another coming next year! I live somewhat close to a couple of them. This is why I ask about this mod.

Russ
----- Original Message -----
From: "Bruce Jensen" <bpnjensen@...>
To: <icomr75@yahoogroups.com>
Sent: Sunday, December 08, 2002 11:11 AM
Subject: Re: [icomr75] Re: R75, Trying to decide!

> --- "atagrasin <k1c2@...>" <k1c2@...> wrote:
> > --- In icomr75@yahoogroups.com, "Russ Kiehne" <wb6niu@1...> wrote:
> > > I was wondering, why did Icom put in attenuation in the r75 for mw
> > and lw?
> > > After doing the mod to remove this attenuation, will you get front
> > end
> > > overload?
> > No,I did the MW attenuator mod and I,m not getting any overload in
> > MW.Check in files for the Attenuatr mod parts.You will need one 1mh
> > inductor and one SF 100 ohms resistor.
> > Atagrasin.
>
> Atagrasin - do you live near any high power AM stations?
>
> Without the mod, and even with a PAR high-pass filter, I get three
> stations doing their image/intermod thing. It may not be either the radio
> or the antennae, but I'd hate to do anything that'd make it worse.
>
> Bruce Jensen
>
> --
> Do you Yahoo!?
> Yahoo! Mail Plus - Powerful. Affordable. Sign up now.
> http://mailplus.yahoo.com
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

3148. Re: [icomr75] Re: R75, Trying to decide!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-08 19:27:55 UTC
From: Bruce Jensen
Topic: 3094 Message: 3148

--- Russ Kiehne <wb6niu@...> wrote:
> Here in the San Francisco bay area, we have 5 50000 wat stations and
> another
> coming next year! I live somewhat close to a couple of them. This is
> why I
> ask about this mod.

Me, too - this place is RF rich. I live right on the Bay Plain, and a
couple of those transmitters with salt water grounds sound like they're in
my kitchen!

Bruce Jensen

_____
Do you Yahoo!?
Yahoo! Mail Plus - Powerful. Affordable. Sign up now.
http://mailplus.yahoo.com

3149. Re: R75, Trying to decide!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-08 19:39:51 UTC
From: amatveev1 <amatveev@hotmail.com>
Topic: 3094 Message: 3149

--- In icomr75@yahoogroups.com, Bruce Jensen <bpnjensen@y...> wrote:
> --- Russ Kiehne <wb6niu@1...> wrote:
> > Here in the San Francisco bay area, we have 5 50000 wat stations
and
> > another
> > coming next year! I live somewhat close to a couple of them.
This is
> > why I
> > ask about this mod.
>
> Me, too - this place is RF rich. I live right on the Bay Plain,
and a
> couple of those transmitters with salt water grounds sound like
they're in
> my kitchen!
>
> Bruce Jensen
>

Wow! So far away! I thought that they are inside my R75 :)

3150. Type of serial cable needed to connect an R-75 to a computer?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-08 20:46:52 UTC
From: Derrik Walker v2.0
Topic: 3150 Message: 3150

Is the R-75 seen as a DCE or DTE?

In other words, do I use a Null Modem cable, or a straight through
cable to connect the R-75 to a computer?

Thanks.

- Derrik

firebug@...
http://junior.apk.net/~firebug

R2D2! You know better than to trust a strange computer
-- C3P0, "Empire Strikes Back"

3153. A new "frankenstein junior born" =3 mods done

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-08 21:21:32 UTC
From: atagrasin <k1c2@hotmail.com>
Topic: 3145 Message: 3153

--- In icomr75@yahoogroups.com, "amatveev1 <amatveev@h...>"
<amatveev@h...> wrote:
> Yesterday I did phidelity, AGC and SAM rev1.1 mods. Results are
quite
> impressive! Next weekend I am planning to do SAM rev2.0 and MW
> attenuator mods. My R75 becomes better and better! :)
> What I really need now is good antenna. I ordered all staff for it
> (longwire) from R&L but they have no ICE 182A in stock and I am
> waiting month already while they are trying to back order it.
HI amatveev1:Welcome to the "frankenstein juniors family".Now you
know by first hand experience what the upgrades[mods]are all
about.Murata have the 1MH inductor that you need for the MW
attenuator mod.For the [SF] 100 ohms check a broken car radio.Any
question about the Sync det mod and the MW mod you can E-mail me.
With best regards:Atagrasin.

3154. Re: Type of serial cable needed to connect an R-75 to a computer?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-08 21:37:30 UTC
From: amatveev1 <amatveev@hotmail.com>
Topic: 3150 Message: 3154

```
--- In icomr75@yahoogroups.com, "Derrik Walker v2.0" <firebug@a...>
wrote:
> Is the R-75 seen as a DCE or DTE?
>
> In other words, do I use a Null Modem cable, or a straight through
> cable to connect the R-75 to a computer?
>
> Thanks.
>
> - Derrik
>
> firebug@a...
> http://junior.apk.net/~firebug
> ------------------------------------------------------------------------
----
> ---------------------------
> R2D2! You know better than to trust a strange computer
> -- C3P0, "Empire Strikes Back"

Just yesterday I bought RS232C cable at RadioShack (part #24-117B)
for $13.99. It works just fine with my R75. It is a straight through
(pin to pin) extension cable not null modem.

Alex
```

3155. Re: A new "frankenstein junior born" =3 mods done

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-08 21:41:30 UTC
From: amatveev1 <amatveev@hotmail.com>
Topic: 3145 Message: 3155

--- In icomr75@yahoogroups.com, "atagrasin <k1c2@h...>" <k1c2@h...>
wrote:
> --- In icomr75@yahoogroups.com, "amatveev1 <amatveev@h...>"
> <amatveev@h...> wrote:
> > Yesterday I did phidelity, AGC and SAM rev1.1 mods. Results are
> quite
> > impressive! Next weekend I am planning to do SAM rev2.0 and MW
> > attenuator mods. My R75 becomes better and better! :)
> > What I really need now is good antenna. I ordered all staff for
it
> > (longwire) from R&L but they have no ICE 182A in stock and I am
> > waiting month already while they are trying to back order
it.
> HI amatveev1:Welcome to the "frankenstein juniors family".Now you
> know by first hand experience what the upgrades[mods]are all
> about.Murata have the 1MH inductor that you need for the MW
> attenuator mod.For the [SF] 100 ohms check a broken car radio.Any
> question about the Sync det mod and the MW mod you can E-mail me.
> With best regards:Atagrasin.

Thank you for advices! I will break my car radio immediately :) Just
kidding!
BTW, what [SF] means? I don't know american electronic abbreviations
well, but you can ask me about russian ones :)

Alex

3156. Re: A new "frankenstein junior born" =3 mods done

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-08 22:00:29 UTC
From: atagrasin <k1c2@hotmail.com>
Topic: 3145 Message: 3156

--- In icomr75@yahoogroups.com, "amatveev1 <amatveev@h...>"
<amatveev@h...> wrote:
> --- In icomr75@yahoogroups.com, "atagrasin <k1c2@h...>" <k1c2@h...>
> wrote:
> > --- In icomr75@yahoogroups.com, "amatveev1 <amatveev@h...>"
> > <amatveev@h...> wrote:
> > > Yesterday I did phidelity, AGC and SAM rev1.1 mods. Results are
> > quite
> > > impressive! Next weekend I am planning to do SAM rev2.0 and MW
> > > attenuator mods. My R75 becomes better and better! :)
> > > What I really need now is good antenna. I ordered all staff for
> it
> > > (longwire) from R&L but they have no ICE 182A in stock and I am
> > > waiting month already while they are trying to back order
> it.
> > HI amatveev1:Welcome to the "frankenstein juniors family".Now you
> > know by first hand experience what the upgrades[mods]are all
> > about.Murata have the 1MH inductor that you need for the MW
> > attenuator mod.For the [SF] 100 ohms check a broken car radio.Any
> > question about the Sync det mod and the MW mod you can E-mail me.
> > With best regards:Atagrasin.
>
> Thank you for advices! I will break my car radio immediately :)
Just
> kidding!
> BTW, what [SF] means? I don't know american electronic
abbreviations
> well, but you can ask me about russian ones :)
HI Alex:SF=surface mount resistor.Car radios and video recorders and
other comsumers electronic equipment use this kind of micro
resistors.If your car radio is broken [damage], not problem open it.

3157. Re: Type of serial cable needed to connect an R-75 to a computer?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-08 22:27:16 UTC
From: just_rtfm <just_rtfm@yahoo.com>
Topic: 3150 Message: 3157

what Alex said: straight (not null modem). i bought #26-117B.

phil :)

3158. R75 and goodies for sale.

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-09 01:39:06 UTC
From: Marcus <signal74@optonline.net>
Topic: 3158 Message: 3158

Greetings folks,

Tonite I have my R75 for sale. It is 14 months young and in pristeen condition. 10 out of 10 cosmetically with no flaws whatsoever. It has Rado's 2.1 mods installed and operates nicely. It also has the UT-102 voice synthesizer installed and the UT-106 DSP unit installed. All work just fine.

Next is a nice mod I installed, its a remote main dial knob with the matching Icom dial knob thats on the radio. There is a switch on the rear that is down for the front panel knob and up for the remote knob. The remote knob is in a nice black box with weights inside to keep it from skidding off your table or chair. The remote box is on a 10 foot cord and plugs into the rear of the R75 with a nine pin connector, its a serial cable that I used. A nice addition that Icom should of thought of.
This mod is very neat and clean. Works just as neat too.

I used the identical rotary magnetic encoder that is behind the main tuning knob on the receiver. The encoder cost me $105.00 just for the part. The knob, box and cable was another 30 bucks. While I was ordering parts from Icom I also bought the service manual too thats included in the deal.

This is what you will get with the deal:
R75 with 2.1 Rado mods
UT-102 Voice Synthesizer
UT-106 DSP Unit
Remote main dial unit on 10 foot cord
Icom service manual, NOT A COPY.
Icom operating manual, original that came with radio
Icom power supply
original Icom box
boxes for DSP and voice unit

All this for $550.00 USD and 20 bucks for ship and insurance. Your choice of UPS or USPS.Payment must be a USPS money order ONLY. For your protection too.

Goodies will be packed tight and double boxed for our protection. Insurance is not negotiable.Total operating time is about 20 hours and sat on my night table the whole time, never installed or used in a vehicle.

Serious interested parties email me directly if you want pictures. I guarantee you will not be disappointed with this unit and stuff. I have an eBay feedback of around 34 I think with a few sales in

there, no dirtbags here,heh,heh....

Regards, Marcus

3159. new listener

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-09 01:57:38 UTC
From: swtuner <outertubes@yahoo.com>
Topic: 3159 Message: 3159

GENTLEMEN,

AFTER A LONG HIATUS FROM SWL,SURFED THE NET,FOUND THIS OUTSTANDING
GROUP WITH ITS TONS OF INFO AND POSTS,DRAGGED OUT THE
OLD "HALLICRAFTERS S-200" AND WITH A SLIGHT CRACKLE IN THE SPEAKER
TUNED IN CHINA,WHICH AT THAT POINT THE HOOK WAS SET.
UPS SHOULD BE HERE ANYDAY NOW WITH NEW RIG.(hee-hee)
I WISH TO THANK ALL FOR YOUR WISDOM AND LEARNED VIEWS ABOUT THIS
RADIO AND ALL SUBJECTS THAT GO WITH IT.
IT'S GREAT TO BE HERE AND HAVE A GOOD ONE!

RESPECTFULLY,
BRAD DAGHITA

3160. RE: [icomr75] new listener

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-09 02:07:27 UTC
From: Gordon Hagewood
Topic: 3159 Message: 3160

Don't forget to put that fine S-200 on eBay and get someone else hooked!
Happy listening!

Gordon

-----Original Message-----
From: swtuner <outertubes@...> [mailto:outertubes@...]
Sent: Sunday, December 08, 2002 8:58 PM
To: icomr75@yahoogroups.com
Subject: [icomr75] new listener

GENTLEMEN,

AFTER A LONG HIATUS FROM SWL,SURFED THE NET,FOUND THIS OUTSTANDING
GROUP WITH ITS TONS OF INFO AND POSTS,DRAGGED OUT THE
OLD "HALLICRAFTERS S-200" AND WITH A SLIGHT CRACKLE IN THE SPEAKER
TUNED IN CHINA,WHICH AT THAT POINT THE HOOK WAS SET.
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RADIO AND ALL SUBJECTS THAT GO WITH IT.
IT'S GREAT TO BE HERE AND HAVE A GOOD ONE!

RESPECTFULLY,
BRAD DAGHITA

To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

Your use of Yahoo! Groups is subject to the Yahoo!
<http://docs.yahoo.com/info/terms/> Terms of Service.

[Non-text portions of this message have been removed]

3161. Re: R75, Trying to decide!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-09 03:14:19 UTC
From: Jim Hackett <jim_hack@yahoo.com>
Topic: 3094 Message: 3161

Where abouts in the bay area do you live, Russ? I live in San
Jose. Maybe we could get together some time...

--- In icomr75@yahoogroups.com, "Russ Kiehne" <wb6niu@1...> wrote:
> Hi Phil,
>
> I downloaded the r75 cookbook and it seems to be all
illustrations! It's
> not readable. I would like to have it in text form.
>
> Here in the San Francisco bay area, we have 5 50000 wat stations
and another
> coming next year!
>
> I want the r75 because of having the DSP, noice blanker, notch
filter,
> passband tuning and especially the voice synthesizer. The
Satellit 800 has
> none of these. After having the IC751A in the past with a voice
> synthesizer, i miss this option!
>
> Do you use the Quantum loop?
> Have you used the Kiwa air core loop?
>
> Russ
> ----- Original Message -----
> From: <just_rtfm@y...>
> To: <icomr75@yahoogroups.com>
> Sent: Sunday, December 08, 2002 10:17 AM
> Subject: [icomr75] Re: R75, Trying to decide!
>
>
> > hi Russ:
> >
> > here is another perspective. if you plan on keeping your
Satellit 800
> > then the stock R75 will be a great second radio. you may even
opt not
> > to do any of the AM mods on your R75. i am unsure why ICOM used
a MW
> > attenuator in the R75. i did read that Pete, the creator of the
> > attenuator bypass mod, lives within four miles of three 50
thousand
> > watt stations and experiences no overload.
> >

> > the R75 and Quantum loop are a potent combo for medium wave
> > reception. because of attenuation the Satellit 800 is about three
> > times as sensitive as the R75 on medium wave but Gerry's awesome
loop
> > provides 40 dB of gain. this is a gain of ten thousand and it is
more
> > than enough with or without the R75 being modified. on medium
wave
> > the antenna is everything whether it be a beverage, K9AY loop, or
> > amplified indoor loop. medium wave has so much to offer.
> >
> > on shortwave the R75 is very sensitive and ham reception is
excellent
> > especially using the DSP. some people do not like the DSP but in
my
> > opinion it is a real blessing for your ears while tuning. by the
way,
> > if you cannot read my R75 cookbook i will gladly mail you a text
> > version.
> >
> > regards,
> > phil :)
> >
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> >
> >
> > To unsubscribe from this group, send an email to:
> > icomr75-unsubscribe@egroups.com
> >
> >
> >
> > Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/
> >
> >
> >

3162. question for utility dxer's

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-09 22:48:36 UTC
From: bobinhoser <bobinhoser@yahoo.com>
Topic: 3162 Message: 3162

hi everyone. i was thinking about getting an rtty reader to get my feet wet in utility dxing. is most of the commercial traffic encryped or in the clear? if most is unreadable, wouldnt be much reason to get a reader. TNX, BOB.....

3163. Re: question for utility dxer's

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-10 03:05:39 UTC
From: just_rtfm <just_rtfm@yahoo.com>
Topic: 3162 Message: 3163

hi Bob:

i am unsure. you may want to try decoding via software first. i found
MMTTY easy to use, here is the link:

http://www.qsl.net/mmhamsoft/mmtty/index.html

regards,
phil :)

3164. Re: [icomr75] question for utility dxer's

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-10 15:51:29 UTC
From: Lew Chapman
Topic: 3162 Message: 3164

Greeting Bob from lew downunder, I agree with others. I use MMTTY, MMsstv
for slow scan and CW get for CW.
Cheers
The Coastal DXer
Moana Beach
South Australia.

At 10:48 PM 12/9/02 -0000, you wrote:
> hi everyone. i was thinking about getting an rtty reader to get my
> feet wet in utility dxing. is most of the commercial traffic encryped
> or in the clear? if most is unreadable, wouldnt be much reason to get
> a reader. TNX, BOB.....
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
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3165. ..so what's the deal with RTTY?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-10 15:55:35 UTC
From: dukeofbecker <perezcj@cobleskill.edu>
Topic: 3165 Message: 3165

I envision RTTY as text from press services like Reuters, AP, UPI, etc. scrolling across my computer screen. Is this correct? Is there more to RTTY than this?

Can you guys clue me in on what RTTY is like and what is available out there?

Thanks,

Carl

3166. Re: ..so what's the deal with RTTY?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-10 19:23:04 UTC
From: Bob <redflasher@yahoo.com>
Topic: 3165 Message: 3166

--- In icomr75@yahoogroups.com, "dukeofbecker <perezcj@c...>"
<perezcj@c...> wrote:
> I envision RTTY as text from press services like Reuters, AP, UPI,
> etc. scrolling across my computer screen. Is this correct? Is there
> more to RTTY than this?
>
> Can you guys clue me in on what RTTY is like and what is available
> out there?
>
> Thanks,
>
> Carl

I don't think you are going to find much of this on the airwaves anymore. I was decoding it in the 80's with a PK232MBX but I believe it's being done thru satellite feeds now. Used to monitor some interesting SITOR traffic back then but haven't tried in 10 years. Someone, please correct me if I'm wrong...

Bob KB0XR Coon Rapids, MN

3167. warning! your 75 won't bounce..

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-10 19:31:49 UTC
From: Lew <lirka@senet.com.au>
Topic: 3167 Message: 3167

A sad end to a good day. I loaded the car up, new phaser unit to try
out, mods done and all leads and longwires ready.
I'd found a new spot close to home, a bit of MW DX in my sights.
After about 2 hours of listening, the 75 perched with phaser on the
dash, I decided to swing one of the longwires around 90 degrees.
I thought the wire seemed a little loose towards the car!!!
there she was face down towards the floor, a sheared off AF vol.knob.
A quick look at home seemed to indicate a rather expensive job ahead.
Can a tech minded person tell me this isn't so.
Sob Lew.

3168. Now THIS is an Attenuator...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-10 20:17:23 UTC
From: thinkdx <dx@guyatkins.com>
Topic: 3168 Message: 3168

My recently aquired (used) R75 performed great with an 800-ft. beverage antenna last weekend at the WA coast. Beforehand, I had carefully performed the common R75 mods using some SMT equipment where I work, and all mods appeared to perform great.

All except the MW attenuator mod, that is! I discovered that mediumwave was a dead as a doornail compared to the same band on my AR7030. An S-9 signal on the AOR didn't even budge the S-meter on the R75! I hadn't used the ICOM on mediumwave before the DXpedition, as the rig arrived only days earlier.

The extreme attenuation is throughout MW, with no signals stronger than about S-1. Most were way down in the noise, and only the strongest signals could be noted at all. When the rig was tuned above 1600 kHz (might have been 1620) the radio "came alive"... performance and sensitivity was excellent all the way up through the shortwaves.

Back home after the DXpedition I put the R75's PCB under the stereo microscope again and looked for errors or solder bridges around the MW attenuator. No problems found! This was the "full" MW mod designed by Pete G.

Ideas, anyone? What is causing this extreme attenuation on mediumwave? Could a switching diode or relay be faulty in the bandbass filters?

Guy Atkins
Puyallup, WA USA

3169. RE: attenuator problem

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-10 23:10:03 UTC
From: bobinhoser <bobinhoser@yahoo.com>
Topic: 3169 Message: 3169

hi. why dont you "demod" it back to stock, and see if it comes back to life. by the way, i keep hearing about "lack of sensitivity". gain distrubution is more important than sensitivity. if putting an antenna on the radio causes the s meter to move off the "pin" you have all the sensitivity you need. see ARRL handbook for more. I really hope you get it going again, BOB.....

3170. Re: Now THIS is an Attenuator...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-10 23:58:29 UTC
From: atagrasin <k1c2@hotmail.com>
Topic: 3168 Message: 3170

> Ideas, anyone? What is causing this extreme attenuation on
> mediumwave? Could a switching diode or relay be faulty in the
> bandbass filters?
>
> Guy Atkins
> Puyallup, WA USA
HI Guy:Can you explain in detail what you did [including parts used]?.For me the mod was easy.I removed 2 resistors,and installed a 100 ohm [SF] resistor and a murata inductor[1mh].After the mod the MW band came alive[about.07 sensitivity].Very important=What service manual,schematic, diagram you used? the one online? or the one from Icom factory service?.For more help you can check with Pete itself.
Atagrasin

3171. questions for Atagrasin

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-11 02:10:54 UTC
From: bobinhoser <bobinhoser@yahoo.com>
Topic: 3171 Message: 3171

hi. this whole AM agc thing has me confused. first, in normal
(non-sync) is the stereo decoder used as an envelope detector? is the
am agc self-contained in the chip or derived elsewhere? if in the
chip the "fast/normal agc switch would have no effect, right.
lastly, does the agc cap mod only effect the agc in the sync mode,
or normal and sync modes both? thanks BOB.....

3172. Re: attenuator problem

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-11 02:13:29 UTC
From: thinkdx <dx@guyatkins.com>
Topic: 3169 Message: 3172

Hi Bob,

I remembered after I posted my message that I *had* checked MW briefly when the radio was in its stock form, and that band did seem awfully quiet. I chalked it up to the MW attenuator, though, and didn't give it a second thought as I was going to be doing the mod. I'm sure I should have gotten a few S-units at least out of the local Seattle-Tacoma powerhouses (the stock R75 can't be that deaf on MW, can it??). I don't recall any signal on MW doing more than slightly bumping the S-meter. So, it really won't "come back to life".

Actually, gain on mediumwave is indeed important at the very quiet DXpedition location I've frequented the last 12 years. I DX for foreign trans-Pacific splits from the Pacific NW coast, and noise levels drop extremely low just past local sunrise in the winter. Our terminated beverage antennas are directed towards the South Pacific and Asia, and usually need a preamp such as the Kiwa unit or ARR preamp in-line. We've found that they give an "edge" in S/N ratio which helps us hear and ID the foreign stations between the stations.

A good case in point was this past weekend. Even though propagation was pretty dismal overall, a beacon station, 738 Papeete (Tahiti) was in at moderate levels throughout Saturday evening. When I switched in the ARR preamp, the signal remained somewhat intelligible a while longer as the deep, long fade troughs approached (characteristic fading of a distant trans-Pacific signal). The difference is not dramatic, but I and others who DXpedition at the WA coast have experienced the benefits of extra gain on mediumwave.

Extra gain is *not* beneficial, in my experience, anywhere but at a very quiet DX site with directional antennas. I'm sure a contributing factor is also the infrequent T-storms we have up here. The Pacific NW has the fewest "thunderstorm days" per year of any location in the USA, according to maps I've seen.

Here's an article by a friend of mine who comments on this same matter. In particular, see the "closing remarks":
http://members.aol.com/DXerCapeCod/kaztests.pdf

Before I put the R75 back to stock, I'm going to take a long hard look at the bandbass filtering section of the schematic and perhaps measure some components in my rig.

Thanks for your thoughts.

Guy Atkins
Puyallup, WA USA

--- In icomr75@yahoogroups.com, "bobinhoser <bobinhoser@y...>"
<bobinhoser@y...> wrote:
> hi. why dont you "demod" it back to stock, and see if it comes
back
> to life. by the way, i keep hearing about "lack of sensitivity".
gain
> distrubution is more important than sensitivity. if putting an
> antenna on the radio causes the s meter to move off the "pin" you
> have all the sensitivity you need. see ARRL handbook for more. I
> really hope you get it going again, BOB.....

3173. PDA Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-11 02:37:02 UTC
From: jmpickrelljr <jmpickrell@comcast.net>
Topic: 3173 Message: 3173

Guys,

Does anyone have first hand knowledge of a data base manager for the
Palm (and compatables) for managing a SW freq/time/sta DB while
you're on the road.

Thanks.

John P.

3174. Re: [icomr75] PDA Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-11 02:47:06 UTC
From: Bill Brady
Topic: 3173 Message: 3174

jmpickrelljr <jmpickrell@...> Wrote:

Guys,

Does anyone have first hand knowledge of a data base manager for the
Palm (and compatables) for managing a SW freq/time/sta DB while
you're on the road.

Thanks.

John P.

Try:

http://user.tninet.se/~zrk946c/dxlogg.html

--Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest
hour that the most stars come out.

[Non-text portions of this message have been removed]

3175. Re: Now THIS is an Attenuator...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-11 03:01:14 UTC
From: thinkdx <dx@guyatkins.com>
Topic: 3168 Message: 3175

Hi,

I used Pete Gianakopoulos' modification, and the schematic PDF posted by user "Gurljo" in the Files section of this Yahoogroup.

The only substitutions I made were two small 500uH inductors in series, for a measured total of 0.950mH on my inductance-reading DMM. I also used a 1/8watt 100-ohm resistor for R174 (it measured 98 ohms) as I didn't have a SMD type. I did the mod while using a stereo microscope in my company's SMD rework area.

I double-checked my work before and after my recent DX trip to the Washington coast, and I cannot see anything amiss with the modification itself.

Looking back, I'm pretty sure the MW band was not working right *before* I did the mod. I received the radio only a couple days before doing the S-AM, fidelity, MW atten., and volume level mods. I had done only a quick cursory check of mediumwave, as most of my DXing is on the tropical bands. Even in its stock form the R75 should move the S-meter somewhat when tuning my semi-local 50kw powerhouses! Instead, they are weak voices buried in the noise. However, above the MW band the R75 hears as well or better than my AR7030.

Guy Atkins
Puyallup, WA USA

--- In icomr75@yahoogroups.com, "atagrasin <k1c2@h...>" <k1c2@h...> wrote:
> > Ideas, anyone? What is causing this extreme attenuation on
> > mediumwave? Could a switching diode or relay be faulty in the
> > bandbass filters?
> >
> > Guy Atkins
> > Puyallup, WA
USA
> HI Guy:Can you explain in detail what you did [including parts
> used]?.For me the mod was easy.I removed 2 resistors,and installed
a
> 100 ohm [SF] resistor and a murata inductor[1mh].After the mod the
MW
> band came alive[about.07 sensitivity].Very important=What service
> manual,schematic, diagram you used? the one online? or the one
from
> Icom factory service?.For more help you can check with Pete

itself.
> Atagrasin

3176. Re: questions for Atagrasin

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-11 03:08:27 UTC
From: just_rtfm <just_rtfm@yahoo.com>
Topic: 3171 Message: 3176

hi Bob:

i'll give these a shot...

> first, in normal (non-sync) is the stereo decoder
> used as an envelope detector?

yes.

> is the am agc self-contained in the chip or derived elsewhere?

there is the main AGC and one onboard the chip.

> if in the chip the "fast/normal agc switch would have no effect

the main AGC is derived before the signal enters the chip. the
purpose of the capacitor (mod) is to slow down the chip's AGC so it
no longer over-rides that of the main AGC. ICOM appears to have
implemented the chip faithful to Motorola's PDF... unfortunately what
this was meant for was tuning through relatively strong local AM
stereo stations.

> lastly, does the agc cap mod only effect the agc in the sync mode,
> or normal and sync modes both?

both AM modes.

regards,
phil :)

3177. Re: attenuator problem

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-11 03:27:38 UTC
From: just_rtfm <just_rtfm@yahoo.com>
Topic: 3169 Message: 3177

hi Guy:

FWIW the stock unit should not be deaf. i was able to hear many stations using just a Radio Shack loop. i now use an indoor amplified loop and just crank in some gain. must be nice to have beverages!

from what you described and looking at the R75 schematics you should also check out that 1.6 MHz low pass filter section and the diodes. check for proper antenna selection. thanks for the article by John Bryant.

regards,
phil :)

3178. Kiwa back in business

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-11 03:41:55 UTC
From: Gary Kinsman <gkinsman@pacbell.net>
Topic: 3178 Message: 3178

According to the Kiwa web site, they're back in business in MN, and slowly ramping up.

http://www.kiwa.com/

Dear Kiwa Customer!
Kiwa has moved to Kasson, MN. We are still in the process of setting up shop. At present, the heating system is being installed. We are able to ship small orders like filters, audio upgrades, preamps etc. It will be some weeks before we are set up for loop antenna production. Business phone lines should be installed within a couple weeks. If you wish to place an order, you may do so by sending an email to kiwa@.... Or you may send your order to Kiwa Electronics, 503 7th. Ave. N.E., Kasson, MN 55944. Any orders sent to the old address in Yakima, WA will be automatically forwarded. Thank you for your patience. We will post appropriate notices when Kiwa is back to normal production here at the web site. Regards, Kiwa Electronics

Last revised December 8, 2002

3179. thanks!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-11 05:28:17 UTC
From: bobinhoser <bobinhoser@yahoo.com>
Topic: 3179 Message: 3179

Thanks to Phil for the info, i will try the AGC mod. i will have a laptop dedicated to the R75 only, so im looking foward to finding out what utility DXing is all about. Cheers BOB.....

3180. RE: [icomr75] ..so what's the deal with RTTY?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-11 05:46:47 UTC
From: HFSSB
Topic: 3165 Message: 3180

Check out http://www.rtty.com/rtty_list.htm
and http://www.rttyinfo.net/
and http://dxworld.com/utenews.html#RTTY look under "DIGITAL AND RTTY DECODER INFO"

The easiest to catch are the Ham radio RTTY conversations (called QSO's) between 14,080 and 14,090 Khz. The ARRL also broadcasts bulletins of interest to the Ham community in several modes including RTTY just above 14,095 and on several other bands. You can find the schedule on their website, http://www.arrl.org/w1aw.html#w1awsked look under "Teleprinter Transmissions". There is also the Midwest RTTY Net (MRN) 3,607 Khz +/- or 7,070 KHz during Daylight Savings Time in the evenings, check between 8 and 9pm eastern (may start at 8:30pm.).

When you hear a "diddle" sound, that's it. Just below 14,080 you will hear pactor and amtor which sound like RTTY switched on and off, around 14,072 you are hearing psk31. Above 14090 you will hear packet which sound like short bursts of static.

You will find decoders through the above links using only the radio, your computer and a sound card. Have fun!

Marty

-----Original Message-----
From: dukeofbecker
Subject: [icomr75] ..so what's the deal with RTTY?.....
Can you guys clue me in on what RTTY is like and what is available out there?
Thanks,
Carl

3181. Re: [icomr75] ..so what's the deal with RTTY?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-11 05:54:25 UTC
From: lloyd davies
Topic: 3165 Message: 3181

What settings on the R-75 should be set for RTTY?

----- Original Message -----
From: HFSSB
To: icomr75@yahoogroups.com
Sent: Tuesday, December 10, 2002 11:46 PM
Subject: RE: [icomr75] ..so what's the deal with RTTY?

Check out http://www.rtty.com/rtty_list.htm
and http://www.rttyinfo.net/
and http://dxworld.com/utenews.html#RTTY look under "DIGITAL AND RTTY DECODER INFO"

The easiest to catch are the Ham radio RTTY conversations (called QSO's) between 14,080 and 14,090 Khz. The ARRL also broadcasts bulletins of interest to the Ham community in several modes including RTTY just above 14,095 and on several other bands. You can find the schedule on their website, http://www.arrl.org/w1aw.html#w1awsked look under "Teleprinter Transmissions". There is also the Midwest RTTY Net (MRN) 3,607 Khz +/- or 7,070 KHz during Daylight Savings Time in the evenings, check between 8 and 9pm eastern (may start at 8:30pm.).

When you hear a "diddle" sound, that's it. Just below 14,080 you will hear pactor and amtor which sound like RTTY switched on and off, around 14,072 you are hearing psk31. Above 14090 you will hear packet which sound like short bursts of static.

You will find decoders through the above links using only the radio, your computer and a sound card. Have fun!

Marty

-----Original Message-----
From: dukeofbecker
Subject: [icomr75] ..so what's the deal with RTTY?.....
Can you guys clue me in on what RTTY is like and what is available out there?
Thanks,
Carl

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[Non-text portions of this message have been removed]

3182. RE: [icomr75] PDA Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-11 07:22:35 UTC
From: Johan Letterstal
Topic: 3173 Message: 3182

Iv'e used the following Palm apps for swl-ing:
-DXLogg, my own logbook application
-MobileDB togheter with ILG sw-list (or any list formatted in eg Excel)
-Earth for grayline, bearings, times
All freewares...

73 Johan L Sweden

-----Original Message-----
From: jmpickrelljr <jmpickrell@...>
[mailto:jmpickrell@...]
Sent: den 11 december 2002 03:37
To: icomr75@yahoogroups.com
Subject: [icomr75] PDA Software

Guys,

Does anyone have first hand knowledge of a data base manager for the
Palm (and compatables) for managing a SW freq/time/sta DB while
you're on the road.

Thanks.

John P.

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3183. Re: [icomr75] Re: Now THIS is an Attenuator...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-11 10:18:42 UTC
From: Radostin Danev
Topic: 3168 Message: 3183

Hi Guy,

I am sure you know how to test in such situations, but here is what I would do:
- Bypass with capacitor the whole MW bandpass filter. If this "opens" the receiver then the signal path is interrupted somewhere. If not then there may be signal leak to ground or DC line.
- Check the control voltage on the switching diodes. Is it reaching them?
- Feed signal from signal generator (through a capacitor) at different points on the signal path. See where the path is interrupted.

Good luck,

Rado

----- Original Message -----
From: <dx@...>
To: <icomr75@yahoogroups.com>
Sent: Wednesday, December 11, 2002 12:01 PM
Subject: [icomr75] Re: Now THIS is an Attenuator...

> Hi,
>
> I used Pete Gianakopoulos' modification, and the schematic PDF
> posted by user "Gurljo" in the Files section of this Yahoogroup.
>
> The only substitutions I made were two small 500uH inductors in
> series, for a measured total of 0.950mH on my inductance-reading
> DMM. I also used a 1/8watt 100-ohm resistor for R174 (it measured 98
> ohms) as I didn't have a SMD type. I did the mod while using a
> stereo microscope in my company's SMD rework area.
>
> I double-checked my work before and after my recent DX trip to the
> Washington coast, and I cannot see anything amiss with the
> modification itself.
>
> Looking back, I'm pretty sure the MW band was not working right
> *before* I did the mod. I received the radio only a couple days
> before doing the S-AM, fidelity, MW atten., and volume level mods. I
> had done only a quick cursory check of mediumwave, as most of my
> DXing is on the tropical bands. Even in its stock form the R75
> should move the S-meter somewhat when tuning my semi-local 50kw
> powerhouses! Instead, they are weak voices buried in the noise.
> However, above the MW band the R75 hears as well or better than my
> AR7030.
>

> Guy Atkins
> Puyallup, WA USA
>
>
>
> --- In icomr75@yahoogroups.com, "atagrasin <k1c2@h...>" <k1c2@h...>
> wrote:
> > > Ideas, anyone? What is causing this extreme attenuation on
> > > mediumwave? Could a switching diode or relay be faulty in the
> > > bandbass filters?
> > >
> > > Guy Atkins
> > > Puyallup, WA
> USA
> > HI Guy:Can you explain in detail what you did [including parts
> > used]?.For me the mod was easy.I removed 2 resistors,and installed
> a
> > 100 ohm [SF] resistor and a murata inductor[1mh].After the mod the
> MW
> > band came alive[about.07 sensitivity].Very important=What service
> > manual,schematic, diagram you used? the one online? or the one
> from
> > Icom factory service?.For more help you can check with Pete
> itself.
> > Atagrasin
>
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3184. Re: [icomr75] Re: Now THIS is an Attenuator...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-11 10:25:53 UTC
From: Radostin Danev
Topic: 3168 Message: 3184

I should add ... about the signal generator test. I would do it like this:
- Tune to strong local MW station.
- Hold one of the legs of 100pF capacitor with your hand
- Touch with the other leg of the capacitor at different points

:-)) ... I like clever poor man's experiments ...

3185. Re: [icomr75] Re: Now THIS is an Attenuator...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-12 00:27:41 UTC
From: Lew Chapman
Topic: 3168 Message: 3185

Greetings Rado, you being one of the technicaly minded , can you please tell me if the AF / RF gain pot is separatable from the board, and easily replaced.
I realise a fair amount of stripping down needs to be done to get access to that area.
Cheers Lew
Moana Beach
South Australia

At 07:25 PM 12/11/02 +0900, you wrote:
> I should add ... about the signal generator test. I would do it like this:
> - Tune to strong local MW station.
> - Hold one of the legs of 100pF capacitor with your hand
> - Touch with the other leg of the capacitor at different points
>
> :-)) ... I like clever poor man's experiments ...
>
>
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>
>
>
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3186. Re: Now THIS is an Attenuator...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-11 13:07:36 UTC
From: atagrasin <k1c2@hotmail.com>
Topic: 3168 Message: 3186

--- In icomr75@yahoogroups.com, "thinkdx <dx@g...>" <dx@g...> wrote:
> Hi,
>
> I used Pete Gianakopoulos' modification, and the schematic PDF
> posted by user "Gurljo" in the Files section of this Yahoogroup.
>
> The only substitutions I made were two small 500uH inductors in
> series, for a measured total of 0.950mH on my inductance-reading
> DMM. I also used a 1/8watt 100-ohm resistor for R174 (it measured
98
> ohms) as I didn't have a SMD type. I did the mod while using a
> stereo microscope in my company's SMD rework area.
Here is what Pete recomend:remove R171 and R173 (270 Ohms), and
replace R172 (18 Ohms) with either a zero Ohm resistor short that
connection point pad that is supposed to bypass the attenuator (it
really
does not, unless you remove R171 and R173). Next, change R174 (10
Ohms)
to a 100 Ohm resistor. Finally, add a 1mH surface mount choke across
the
point where R171 was connected.
Do you remove the two resistors[R171/R173]?Do you short[bypast]the
half moons]pads.Do you change the 10 ohm resistor[R174]for a 100 ohm
resistor? Next,Do you add the 1mh inductor [choke]across the
point where R171 was connected?If you did all this steps, your
problem is not the mod.You said "I'm pretty sure the MW band was not
working right *before* I did the mod" and this can be the key...In my
stock R-75 before I did
the mod,I found that more than 50 stations moving the S-meter from S3
[the far away]
to S20 and S40 the local's.The sensitivity mod improve the reception
of very weak signals[dxing]in the R-75 but there is not problem in
receiving MW weak signals with the stock R75 an a good ant
> *before* I did the mod.
> I double-checked my work before and after my recent DX trip to the
> Washington coast, and I cannot see anything amiss with the
> modification itself.
If everything with the mod is ok keep the mod and look for other
causes.

> *before* I did the mod. I received the radio only a couple days
> before doing the S-AM, fidelity, MW atten., and volume level mods.
Do you did the mods in a new or used R-75?
> However, above the MW band the R75 hears as well or better than my
> AR7030.

Yes and after the sensitivity mod,the R75 surpass this and others tabletop receivers in sensitivity of very weak signals in MW band too.
Atagrasin

3187. RE: [icomr75] Re: Now THIS is an Attenuator...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-11 13:11:38 UTC
From: Guy Atkins
Topic: 3168 Message: 3187

Thanks, Rado. I had thought of the cap bypass and diode check, but didn't think of the basic signal generator test. Looks like I'll need to take the rig back to work to use theirs.

Guy
-----Original Message-----
From: Radostin Danev [mailto:rado@...]
Sent: Wednesday, December 11, 2002 2:19 AM
To: icomr75@yahoogroups.com
Subject: Re: [icomr75] Re: Now THIS is an Attenuator...

Hi Guy,

I am sure you know how to test in such situations, but here is what I would
do:
- Bypass with capacitor the whole MW bandpass filter. If this "opens" the receiver then the signal path is interrupted somewhere. If not then there may be signal leak to ground or DC line.
- Check the control voltage on the switching diodes. Is it reaching them?
- Feed signal from signal generator (through a capacitor) at different points on the signal path. See where the path is interrupted.

Good luck,

Rado

[Non-text portions of this message have been removed]

3188. remote control for r-75?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-11 17:07:19 UTC
From: dukeofbecker <perezcj@cobleskill.edu>
Topic: 3188 Message: 3188

Once upon a time,I was conidering an iCOM R-71 because it had an optional remote control unit available.

In my web searches on the R-75, I have seen some vague references to an available remote control at some dealers.

Does anyone have this R-75 remote control? Does it exist?

Carl

3189. Another Franken-radio!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-11 17:28:17 UTC
From: Dave Ulrick
Topic: 3189 Message: 3189

Hi,

Last night, yet another Franken-radio was born. A friend of mine who works on surface-mount electronics for a living (he claims to lift IC pins on a daily basis :-)) finished installing version 2.1 of the S-AM mod on my R75. I've had less than an hour to play with it, but so far I'm very impressed!

As I expected, the mod to the AGC time constant made the greatest difference. Strong SW stations are substantially more pleasant to the ears. What with SW being SW, there's still fading, but the "clipping" effect which used to accompany the fades is gone, thus making the fading less noticable. This mod alone seems to turn the R75 into a radio that is pleasant for SW program listening. _Passport for World Band Radio_ would be pleased. :-)

As others have reported, the effect of the S-AM mod is somewhat less noticable than that of the AGC mod, but S-AM certainly does more than it used to do. I tried it out on stations which suffered from varying degrees of fading, and heard the most audible improvement on stations which suffered from frequent rapid fading. Both music and voice seemed to "stabilize" a bit once the sync kicked in. So far I'm finding the "howl" that comes while sync is being established to be kinda cool. What's peculiar is if I turn on S-AM, turn it off, then turn it back on, I don't hear the howling noise when I turn it back on. If I wait a few moments to turn it back on, I sometimes hear a slight howl, but nothing as loud as what I get the first time I activate it on a given frequency.

So far I'm very pleased with this mod. Given how inexpensive the parts for the mod were and how little time it took for my friend to rig it up, I must join the crowd of folks who can't understand why Icom didn't make this fix to the R75 years ago. The AGC mod alone seems to make the R75 into a very good program listening radio, and the fixed S-AM provides an extra tool for cleaning up fading stations. All this for less than $20 of parts.

Assorted observations:

1. Only one of the R75's two S-AM modes (as selected by the SET menu) seems to work after the mod is installed. The mode which causes the "S-" to blink now features a constantly blinking "S-". No big deal, though: the other S-AM mode works noticably better than before.

2. If I use the 15 kHz and 6 kHz filter combo, the inner PBT knob actually seems to do a little something. When I turn it with S-AM mode enabled, I can hear the sync howl as I turn the inner knob. I

sometimes use this knob to cut back certain heterodynes which the ANF doesn't seem to get rid of, so I'm happy to see that this trick is compatible with S-AM.

3. For some strange reason, ECSS seems to work better since the mod was installed. Before the mod was installed, I'd often have to retune by a few Hz after hitting LSB or USB to enter ECSS mode, but since the mod, the stations with which I've tried ECSS haven't required any retuning: LSB and USB sound like they're in the same pitch. Each time I've tried this post-mod, I've tried ECSS _after_ trying S-AM on the same signal. Any idea of why this might be happening? Is the sync detector somehow shifting the tuned frequency to match the true carrier?

Thanks again to everyone who's taken the trouble to make their mods available to the R75 community. I appreciate the time you've taken to make a wonderful radio even better!

Dave
--
==========
Dave Ulrick, Systems Programmer E-mail: d-ulrick@...
Northern Illinois University Web: http://www.niu.edu/~ulrick/
DeKalb, IL, USA

3190. RE: [icomr75] ..so what's the deal with RTTY?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-11 18:16:34 UTC
From: HFSSB
Topic: 3165 Message: 3190

Some experimentation will be in order. In general you want to adjust your IF shift and filters to eliminate side interference without getting too narrow and cutting the hi and low RTTY tones off (CW settings would be too narrow), notch filter MUST be off. Some of the RTTY software has on screen tuners that will show you when you have the hi and low RTTY tones adjusted right. If you really get into it you might want to buy an external tuner indicator like the HAL RTTY-1 or a DSP decoder which will have a tuning indicator on it. Sometimes I find it simpler to use Upper or Lower Side Band (SSB) instead of the RTTY mode. When using SSB "reverse" the RTTY shift on the software if tuned in and the letters are still garbled (I think LSB is standard shift if using SSB to receive but sometimes the sender is reversed). You will pick it up as you experiment, it's really not difficult with good software.

PSK31 is fascinating to watch. You tune into one frequency like 14,072 and tune only the software onscreen to receive several transmitting stations even weak signals will be copied. I recommend Digipan (FREE) http://www.digipan.net/

I also recommend "JVComm32" (free) demo version http://www.pervisell.com/download/roote.htm This is a great program, tune around 14,230 and when active and the band is open, you will see scanned pictures being sent by Hams world wide come across your computer screen. Looks like it's now been updated to receive RTTY and other modes.

Marty

-----Original Message-----
From: lloyd
What settings on the R-75 should be set for RTTY?

3191. Re: attenuator problem

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-11 18:10:48 UTC
From: Albert Menzl
Topic: 3169 Message: 3191

Guy,

FWIW, my unmodified R75's s-meter drives to 9-10 on the MW bands here in Seattle, except for the weaker stations where it'll go to 5 or so. You probably figured as much.

Thanks for the KAZ article, I saved it to a file. Seems like I've seen something on the KAZ on HardcoreDX at one time, but I just went through their site and couldn't find anything.

Al
Seattle

3192. MMTTY

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-11 18:18:33 UTC
From: Albert Menzl
Topic: 3192 Message: 3192

Phil,

Thanks for turning me on to MMTTY. I haven't had any previous experience with RTTY but downloaded the program, built an audio isolation transformer, and I'm up and running. I find its sensitive to noise of all kinds. This urban lot I live at poses noise challenges of all kinds yet I'm able to receive RTTY reasonably well. When I get my Ham license next Spring, this will expand my capabilities.
Thanks again.

Al
Seattle

3193. Re: Kiwa back in business

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-11 19:38:43 UTC
From: thinkdx <dx@guyatkins.com>
Topic: 3178 Message: 3193

I just received an e-mail from Craig at Kiwa, who described his household move and the relocation of Kiwa.

He's been very busy with house-hunting and the subsequent settling in... which I can relate to, having recently moved also. Craig is actively getting the new shop ready, wiring up tools and manufacturing equipment, putting in solar panels (he also sells solar gear), and much more.

I've been a good friend of Craig for 16 years, and have always known him to be an experimenter and "mad scientist-inventor" type. Most customers probably don't know that he designs and builds custom tooling to manufacture most of his specialized products, usually out of surplus or salvaged materials (he just LOVES the Boeing Surplus store near Seattle :^) For instance, the spiral wire grooves in the Kiwa MW Loop antenna's frame are accurately cut by a homebrew threaded cutting-rod device that's very ingenious. His PCB drilling jig and PCB etchant tanks are also inventive one-of-a-kind items.

Well, I mention this to give a little insight into one of the radio hobby's small manufacturers. Entrepreneurs like Craig Siegenthaler, Andy Ikin (Wellbrook UK) and Gerry Thomas (Radio Plus) are rare "Davids" amongst the "Goliaths" of ICOM, Kenwood, Yaesu, etc. Their efforts straddle the line between "labor of love" hobby activity and self-supporting businesses. Keep in mind that you're dealing with a one-man operation in most cases, and exercise some patience with the owners of these hobby firms.

Guy Atkins
Puyallup, WA USA

--- In icomr75@yahoogroups.com, "Gary Kinsman <gkinsman@p...>" <gkinsman@p...> wrote:
> According to the Kiwa web site, they're back in business in MN, and
> slowly ramping up.
>
> http://www.kiwa.com/
>
<SNIP SNIP>

3194. Re: [icomr75] PDA Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-11 19:41:28 UTC
From: John Pickrell
Topic: 3173 Message: 3194

Johan,

Thanks for your help. Did you purchase MobileDB (with the MobileDB Excel option) or did you download the "freeware" version (which I did)?

I find that I can not convert an Excel DB to a format that the Palm loader will use. I've even tried CSV type files will no joy. I will need to do this whether I use the ILG DB or Mark Fine's DB.

Thanks.

John Pickrell
----- Original Message -----
From: Johan Letterstal
To: icomr75@yahoogroups.com
Sent: Wednesday, December 11, 2002 2:22 AM
Subject: RE: [icomr75] PDA Software

Iv'e used the following Palm apps for swl-ing:
-DXLogg, my own logbook application
-MobileDB togheter with ILG sw-list (or any list formatted in eg Excel)
-Earth for grayline, bearings, times
All freewares...

73 Johan L Sweden

-----Original Message-----
From: jmpickrelljr <jmpickrell@...>
[mailto:jmpickrell@...]
Sent: den 11 december 2002 03:37
To: icomr75@yahoogroups.com
Subject: [icomr75] PDA Software

Guys,

Does anyone have first hand knowledge of a data base manager for the
Palm (and compatables) for managing a SW freq/time/sta DB while
you're on the road.

Thanks.

John P.

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[Non-text portions of this message have been removed]

3195. Re: attenuator problem

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-11 19:50:15 UTC
From: thinkdx <dx@guyatkins.com>
Topic: 3169 Message: 3195

Hi Al,

Thanks for confirming (and Rado also) that a stock R75 MW band should be full of signals in an urban/suburban area. Since I've check my modification over and over, I'll next scrutinize the mediumwave BP filter itself, following Rado's useful tips.

Yes, John's article is a good one. We are both "refugees" of the staff of Fine Tuning's "Proceedings" series of books. Although Proceedings has been dormant for years we still like to author radio hobby articles when we get the chance.

Mark Connelly's web site is a good one, not only for Mark's own circuits and projects but for the archived articles written by others.

Keep an eye on the hobby web sites (Hard-Core-DX and others) in the weeks ahead for a new article by John Bryant, Don Nelson, Nick Hall-Patch, and myself. It's a collective piece on "High-Tech DXpeditioning" with lots of useful info.

Guy Atkins
Puyallup, WA USA

--- In icomr75@yahoogroups.com, "Albert Menzl" <almenzl@a...> wrote:
> Guy,
>
> FWIW, my unmodified R75's s-meter drives to 9-10 on the MW bands here in
> Seattle, except for the weaker stations where it'll go to 5 or so. You
> probably figured as much.
>
> Thanks for the KAZ article, I saved it to a file. Seems like I've seen
> something on the KAZ on HardcoreDX at one time, but I just went through
> their site and couldn't find anything.
>
> Al
> Seattle

3196. Re: attenuator problem

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-11 20:13:48 UTC
From: LarryR <nospam4russell@comcast.net>
Topic: 3169 Message: 3196

My "local AM powerhouses" (50kW 25 miles away, to be precise) come in
about 40dB over S9 on my short alpha-delta sloper which is only
supposed to be good down to 3.5MHz...

--- In icomr75@yahoogroups.com, "thinkdx <dx@g...>" <dx@g...> wrote:
> Hi Bob,
>
> I remembered after I posted my message that I *had* checked MW
> briefly when the radio was in its stock form, and that band did
seem
> awfully quiet. I chalked it up to the MW attenuator, though, and
> didn't give it a second thought as I was going to be doing the mod.
> I'm sure I should have gotten a few S-units at least out of the
> local Seattle-Tacoma powerhouses (the stock R75 can't be that deaf
> on MW, can it??). I don't recall any signal on MW doing more than
> slightly bumping the S-meter. So, it really won't "come back to
> life".
.....
>
> Guy Atkins
> Puyallup, WA USA
>
>

3197. Re: Another Franken-radio!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-11 23:03:26 UTC
From: atagrasin <k1c2@hotmail.com>
Topic: 3189 Message: 3197

--- In icomr75@yahoogroups.com, Dave Ulrick <d-ulrick@n...> wrote:
> Hi,
>
> Last night, yet another Franken-radio was born. A friend of mine
who
> works on surface-mount electronics for a living (he claims to lift
IC
> pins on a daily basis :-)) finished installing version 2.1 of the
> S-AM mod on my R75. I've had less than an hour to play with it, but
> so far I'm very impressed!
HI Dave:Welcome to "Franken..." family. Enjoy your "frankenstein
junior" now.The next step is to try the Phil's fidelity mod mod]and
the filter mod [3.0khz for $15.00 and not soldering needed.Both easy
mods.With the filter mod [for better selectivity] you can improve the
twin PBT range too. Atagrasin

3198. Files

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-12 01:49:19 UTC
From: Moxie3
Topic: 3198 Message: 3198

I know that there was mention of some having problems with access to viewing files. I went to look at the files and couldn't open them. Is there something I should be doing to view them?
George

[Non-text portions of this message have been removed]

3199. RE: [icomr75] Re: Now THIS is an Attenuator...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-12 01:18:40 UTC
From: Guy Atkins
Topic: 3168 Message: 3199

Excellent trick, Rado. I'll have to remember this one... "human body as signal probe". Of course, to clarify for others, the only places to touch on the PCB should be in the signal path of the highpass/lowpass and bandpass filters before the first preamp and/or mixer. No touching fragile MOSFETs after walking across a rug on a dry winter's day!

Guy
-----Original Message-----
From: Radostin Danev [mailto:rado@...]
Sent: Wednesday, December 11, 2002 2:26 AM
To: icomr75@yahoogroups.com
Subject: Re: [icomr75] Re: Now THIS is an Attenuator...

I should add ... about the signal generator test. I would do it like this:
- Tune to strong local MW station.
- Hold one of the legs of 100pF capacitor with your hand
- Touch with the other leg of the capacitor at different points

:-)) ... I like clever poor man's experiments ...

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[Non-text portions of this message have been removed]

3200. Re: [icomr75] Re: Now THIS is an Attenuator...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-12 01:13:12 UTC
From: Radostin Danev
Topic: 3168 Message: 3200

Hi Lew,

I disassembled the front panel a long time ago. My memories are not so fresh. First detach the whole front. There are three ribbon cables to the main board that have to be disconnected.
Then you'll easily figure out how to dismantle it. The knobs on the pots are removed by pulling on them. I don't remember if the main dial had a fixing screw - remove the rubber grip and check (I think there was no fixing screw - only friction ... pull it out).
The pots should be on a separate small PCB. I think they are double 10K pots. Finding a replacement should not be a problem.
During the whole operation be careful not the scratch the LCD.

Good luck,

Rado

----- Original Message -----
From: "Lew Chapman" <lirka@...>
To: <icomr75@yahoogroups.com>
Sent: Thursday, December 12, 2002 9:27 AM
Subject: Re: [icomr75] Re: Now THIS is an Attenuator...

> Greetings Rado, you being one of the technicaly minded , can you please
> tell me if the AF / RF gain pot is separatable from the board, and easily
> replaced.
> I realise a fair amount of stripping down needs to be done to get access
to
> that area.
> Cheers Lew
> Moana Beach
> South Australia
>
>
>
> At 07:25 PM 12/11/02 +0900, you wrote:
> > I should add ... about the signal generator test. I would do it like
> this:
> > > - Tune to strong local MW station.
> > > - Hold one of the legs of 100pF capacitor with your hand
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> >
> > :-)) ... I like clever poor man's experiments ...
> >
> >
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> >
> >
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>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>

3201. Phil! Question re CWGet connections

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-12 02:53:29 UTC
From: Jim <dejimk0jad@yahoo.com>
Topic: 3201 Message: 3201

I am considering CWGet but need clarification relating to the cable required for connection to the PC. I assume you use the microphone input on the PC and I know you use the REC input on the R-75 but I notice the mike uses a miniature STEREO plug. Is that required for the connection? I haven't downloaded the program yet but I wanted to buy a cable first. Lay a little wisdom on me.

3202. Re: [icomr75] Re: attenuator problem

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-12 02:12:54 UTC
From: Albert Menzl
Topic: 3169 Message: 3202

Guy,

I'll definitely keep an eye out because I'm real interested in DXpeditions. Hope you get your new R-75 squared away soon.

Al
Seattle, USA
----- Original Message -----
From: thinkdx <dx@...>
To: icomr75@yahoogroups.com
Sent: Wednesday, December 11, 2002 11:50 AM
Subject: [icomr75] Re: attenuator problem

Hi Al,

Thanks for confirming (and Rado also) that a stock R75 MW band should be full of signals in an urban/suburban area. Since I've check my modification over and over, I'll next scrutinize the mediumwave BP filter itself, following Rado's useful tips.

Yes, John's article is a good one. We are both "refugees" of the staff of Fine Tuning's "Proceedings" series of books. Although Proceedings has been dormant for years we still like to author radio hobby articles when we get the chance.

Mark Connelly's web site is a good one, not only for Mark's own circuits and projects but for the archived articles written by others.

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Guy Atkins
Puyallup, WA USA

--- In icomr75@yahoogroups.com, "Albert Menzl" <almenzl@a...> wrote:
> Guy,
>
> FWIW, my unmodified R75's s-meter drives to 9-10 on the MW bands here in
> Seattle, except for the weaker stations where it'll go to 5 or so. You
> probably figured as much.
>
> Thanks for the KAZ article, I saved it to a file. Seems like I've seen

> something on the KAZ on HardcoreDX at one time, but I just went
through
> their site and couldn't find anything.
>
> Al
> Seattle

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[Non-text portions of this message have been removed]

3203. used- listed for $380 at Universal Radio as of 12/10/02

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-12 02:32:34 UTC
From: HFSSB
Topic: 3198 Message: 3203

item # - U040 ICOM R- 75 RCVR COMM GC DIG 0.3-60MHZ BOX,MAN.
379.95 GOOD
1 800 431-3939

3204. Re: [icomr75] Phil! Question re CWGet connections

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-12 03:22:33 UTC
From: Albert Menzl
Topic: 3201 Message: 3204

Jim,

You can take it right off the Phones jack of the R-75 as well.

Al
----- Original Message -----
From: Jim <dejimk0jad@...>
To: icomr75@yahoogroups.com
Sent: Wednesday, December 11, 2002 6:53 PM
Subject: [icomr75] Phil! Question re CWGet connections

I am considering CWGet but need clarification relating to the cable
required for connection to the PC. I assume you use the microphone
input on the PC and I know you use the REC input on the R-75 but I
notice the mike uses a miniature STEREO plug. Is that required for
the connection? I haven't downloaded the program yet but I wanted to
buy a cable first. Lay a little wisdom on me.

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[Non-text portions of this message have been removed]

3205. Re: Phil! Question re CWGet connections

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-12 03:48:17 UTC
From: LarryR <nospam4russell@comcast.net>
Topic: 3201 Message: 3205

A cable with a mini stereo plug on both ends works fine. Radio Shack has them. Use the "Line In" jack on the PC sound card, and be sure to right click on the little speaker icon in the system tray and enable this input as the record source (the details of doing this vary with the sound card software).

--- In icomr75@yahoogroups.com, "Jim <dejimk0jad@y...>" <dejimk0jad@y...> wrote:
> I am considering CWGet but need clarification relating to the cable
> required for connection to the PC. I assume you use the microphone
> input on the PC and I know you use the REC input on the R-75 but I
> notice the mike uses a miniature STEREO plug. Is that required for
> the connection? I haven't downloaded the program yet but I wanted to
> buy a cable first. Lay a little wisdom on me.

3206. Re: Phil! Question re CWGet connections

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-12 07:16:49 UTC
From: just_rtfm <just_rtfm@yahoo.com>
Topic: 3201 Message: 3206

hi Jim!

the RS-232C i use is #26-117B from Radio Shack. i actually use a mono to mono (two male ends) 1/8" jack from R75 'REC OUT' to my soundcard 'line-in' input... seems to work fine. under Windows OS double click on the volume control in the lower right hand (system tray). this should bring up the 'Master Volume Control'. Click Options -> Properties -> Recording -> Ok. make sure 'Microphone' is selected with a check... you can also adjust the volume (gain) in here if necessary. YMMV depending on your soundcard software.

regards,
phil :)

3207. Re: [icomr75] Re: Now THIS is an Attenuator...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-12 18:43:51 UTC
From: Lew Chapman
Topic: 3168 Message: 3207

Thanks Rado, it was a blasted shame the set fell I'm still kicking myself
as the set is my pride and joy, a real good workhorse. I'd just done the MW
mods on the MFJ 1025 phaser, purchased from the states and was getting into
the DX, oh well at least I'll learn a bit about the inside of the set. I
realise now the af knob just pulls off the now broken shaft, so complete
pot will have to be replaced. Icom said they are about aus$15. + shipping
from Melbourne, as we dont have Icom parts stockists here in Adelaide!!!
Just one more Question, having done the MW atten mod on the set, and added
switch, does the newer attenuaton mod including the resistor + inductor
improve the situation much.
Cheers Lew
At 10:13 AM 12/12/02 +0900, you wrote:
> Hi Lew,
>
> I disassembled the front panel a long time ago. My memories are not so
> fresh. First detach the whole front. There are three ribbon cables to the
> main board that have to be disconnected.
> Then you'll easily figure out how to dismantle it. The knobs on the pots are
> removed by pulling on them. I don't remember if the main dial had a fixing
> screw - remove the rubber grip and check (I think there was no fixing
> screw - only friction ... pull it out).
> The pots should be on a separate small PCB. I think they are double 10K
> pots. Finding a replacement should not be a problem.
> During the whole operation be careful not the scratch the LCD.
>
> Good luck,
>
> Rado
>
> ----- Original Message -----
>""<>
><>
> Sent: Thursday, December 12, 2002 9:27 AM
> Subject: Re: [icomr75] Re: Now THIS is an Attenuator...
>
>
>> Greetings Rado, you being one of the technicaly minded , can you please
>> tell me if the AF / RF gain pot is separatable from the board, and easily
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>> I realise a fair amount of stripping down needs to be done to get access
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>> that area.
>> Cheers Lew
>> Moana Beach
>> South Australia

>>
>>
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>> At 07:25 PM 12/11/02 +0900, you wrote:
>>> I should add ... about the signal generator test. I would do it like
>> this:
>>> - Tune to strong local MW station.
>>> - Hold one of the legs of 100pF capacitor with your hand
>>> - Touch with the other leg of the capacitor at different points
>>>
>>> :-)) ... I like clever poor man's experiments ...
>>>
>>>
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>>> icomr75-unsubscribe@egroups.com
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>
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3208. Re: [icomr75] Another Franken-radio!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-12 06:31:48 UTC
From: Radostin Danev
Topic: 3189 Message: 3208

Hi Dave,

Nice to hear you are happy with the mods.

> 1. Only one of the R75's two S-AM modes (as selected by the SET menu)
> seems to work after the mod is installed. The mode which causes the
> "S-" to blink now features a constantly blinking "S-". No big deal,
> though: the other S-AM mode works noticably better than before.

The whole point of doing mod v2.1 is to make the blinking "S-" useful. It should not blink constantly, only when the synch in not locked (during a howl). This prevents the howls from being heard (the radio uses the AM detector). There must be a trimmer (R6 on the schematic) to adjust the threshold. Try adjusting it.

Regards,

Rado

3209. Re: [icomr75] Files

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-12 22:15:13 UTC
From: Lew Chapman
Topic: 3198 Message: 3209

Hello George, I recently had trouble opening files etc I loaded the latest version of Acrobat reader 5 or 5.1 I think. No problems since
Cheers Lew
At 07:49 PM 12/11/02 -0600, you wrote:
> Is there something I should be doing to view them?
> George
>
> [Non-text portions of this message have been removed]
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

3210. Re: [icomr75] Re: Phil! Question re CWGet connections

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-12 15:47:49 UTC
From: Russ Kiehne
Topic: 3201 Message: 3210

Do you use the microphone for your recording? I use the line in jack for recording things from my tape player etc. I make sure line in is checked.
----- Original Message -----
From: <just_rtfm@...>
To: <icomr75@yahoogroups.com>
Sent: Wednesday, December 11, 2002 11:16 PM
Subject: [icomr75] Re: Phil! Question re CWGet connections

> hi Jim!
>
> the RS-232C i use is #26-117B from Radio Shack. i actually use a mono
> to mono (two male ends) 1/8" jack from R75 'REC OUT' to my
> soundcard 'line-in' input... seems to work fine. under Windows OS
> double click on the volume control in the lower right hand (system
> tray). this should bring up the 'Master Volume Control'. Click
> Options -> Properties -> Recording -> Ok. make sure 'Microphone' is
> selected with a check... you can also adjust the volume (gain) in
> here if necessary. YMMV depending on your soundcard software.
>
> regards,
> phil :)
>
>
>
> To unsubscribe from this group, send an email to:
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>
>
>
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>
>
>

3211. Re: [icomr75] Another Franken-radio!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-12 15:47:03 UTC
From: Dave Ulrick
Topic: 3189 Message: 3211

On Thu, 12 Dec 2002, Radostin Danev wrote:

> Hi Dave,
>
> Nice to hear you are happy with the mods.

I certainly am. It's nice to find a fading signal, enable S-AM, and enjoy the reduction in fading distortion. (For instance, Radio Australia on 9580 kHz at 1300 UTC this morning. My QTH is Rockford, Illinois, USA.) On strong signals with only occasional fading, the AGC mod makes them very pleasant to listen to even with S-AM turned off.

> > 1. Only one of the R75's two S-AM modes (as selected by the SET menu)
> > seems to work after the mod is installed. The mode which causes the
> > "S-" to blink now features a constantly blinking "S-". No big deal,
> > though: the other S-AM mode works noticably better than before.
>
> The whole point of doing mod v2.1 is to make the blinking "S-" useful. It
> should not blink constantly, only when the synch in not locked (during a
> howl). This prevents the howls from being heard (the radio uses the AM
> detector). There must be a trimmer (R6 on the schematic) to adjust the
> threshold. Try adjusting it.

I was wondering what that trimmer was for. :-) I'll open up my radio and try tweaking it. Thanks for the tip!

> Regards,
>
> Rado

Dave
--
==========
Dave Ulrick, Systems Programmer E-mail: d-ulrick@...
Northern Illinois University Web: http://www.niu.edu/~ulrick/
DeKalb, IL, USA

3212. Re: [icomr75] PDA Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-12 15:56:04 UTC
From: Johan Letterstål
Topic: 3173 Message: 3212

OK,
I have to refresh my memory. I published an article in Swedens leading DX-magazine on this, with all the steps described. I'll have to read it again ;-).
I used the freeware version (MobileDB Lite). Besides the Palm app, there is a associated Windows app that will do the conversion. Have you tried that?
Get back to you very soon....(tonight CET)

73 Johan

----- Ursprungligt meddelande -----
Från: "John Pickrell" <jmpickrell@...>
Till: <icomr75@yahoogroups.com>
Skickat: den 11 december 2002 20:41
Ämne: Re: [icomr75] PDA Software

> Johan,
>
> Thanks for your help. Did you purchase MobileDB (with the MobileDB Excel option) or did you download the "freeware" version (which I did)?
>
> I find that I can not convert an Excel DB to a format that the Palm loader will use. I've even tried CSV type files will no joy. I will need to do this whether I use the ILG DB or Mark Fine's DB.
>
> Thanks.
>
>
> John Pickrell
> ----- Original Message -----
> From: Johan Letterstal
> To: icomr75@yahoogroups.com
> Sent: Wednesday, December 11, 2002 2:22 AM
> Subject: RE: [icomr75] PDA Software
>
>
> Iv'e used the following Palm apps for swl-ing:
> -DXLogg, my own logbook application
> -MobileDB togheter with ILG sw-list (or any list formatted in eg Excel)
> -Earth for grayline, bearings, times
> All freewares...
>
> 73 Johan L Sweden
>
>
> -----Original Message-----
> From: jmpickrelljr <jmpickrell@...>

> [mailto:jmpickrell@comcast.net]
> Sent: den 11 december 2002 03:37
> To: icomr75@yahoogroups.com
> Subject: [icomr75] PDA Software
>
>
> Guys,
>
> Does anyone have first hand knowledge of a data base manager for the
> Palm (and compatables) for managing a SW freq/time/sta DB while
> you're on the road.
>
> Thanks.
>
>
> John P.
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
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>
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>
> [Non-text portions of this message have been removed]
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> icomr75-unsubscribe@egroups.com
>
>
>
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>
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>
>

3213. Re: [icomr75] Files

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-12 17:04:16 UTC
From: Moxie3
Topic: 3198 Message: 3213

Lew,
Thanks for the input. I'll try updating the program.
George

----- Original Message -----
From: "Lew Chapman" <lirka@...>
To: <icomr75@yahoogroups.com>
Sent: Thursday, December 12, 2002 4:15 PM
Subject: Re: [icomr75] Files

>
> Hello George, I recently had trouble opening files etc I loaded the latest
> version of Acrobat reader 5 or 5.1 I think. No problems since
> Cheers Lew
> At 07:49 PM 12/11/02 -0600, you wrote:
> > Is there something I should be doing to view them?
> > George
> >
> > [Non-text portions of this message have been removed]
> >
> >
> > To unsubscribe from this group, send an email to:
> > icomr75-unsubscribe@egroups.com
> >
> >
> >
> > Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
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>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

3214. VHF mod 30-60 Mhz

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-12 20:59:22 UTC
From: jacobperi <jack01@hotmail.com>
Topic: 3214 Message: 3214

I have the Asia version of R-75 0.03-30 Mhz.
Can some one tell me if i can tune my Icom to
30-60 Mhz like the American version?
(i didn`t find any mod on the web).

3215. 27" MW Torus Tuner with DX398, Icom R75, and Grundig Sat 800

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-13 01:59:10 UTC
From: Gordon Hagewood
Topic: 3215 Message: 3215

I received the above loop antenna and it works great. As good or better (at least as good signal strength and less noise) than the Select-A-Tenna - even more noticeable above 1000 Khz . I've tried coupling through the antenna jack using the standard air loop from an old AM/FM receiver as well as inductively to the ferrite rod. Not unexpectedly, the inductive coupling through the ferrite rod is universally superior. The Torus Tuner is also quieter than my coax fed dipole - but has less signal strength than the latter. Had similar results on the Grundig Sat 800, DX399, and Sony 7600GR.

For the R75 owners, the air loop approach is the obvious route and the 27" Torus Tuner outperforms the SAT as indicated above is much quieter (albeit with lower signal strength) than my coax fed dipole.

In short, I'm very pleased with Ed's MW Torus Tuner. It's a big puppy but has found a home with the rest of my gear in my basement shack.

I'll report this weekend on the 16" SW Torus Tuner when used with the above.

Regards,

Gordon

[Non-text portions of this message have been removed]

3216. Re: Torus Tuner

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-13 03:00:40 UTC
From: Albert Menzl
Topic: 3216 Message: 3216

Gordon,

Glad to hear you like the 27" Torus Tuner. I've been using the 16" for SWL since September. Previous to owning this R75 I've used the loop with my Sangean 818 and its quite remarkable on camping trips where I can use the optional preamp. With my R75 I'll feed the loop through it's preamp and leave the radio's amp off. It works pretty good at home but since I've built an outdoor horizontal loop I use that now. I have found that you have to experiment with location , and generally, mine works better upstairs than downstairs. Perhaps it's the elevation.
Ed's very personable and can help you out with any questions.

Al
Seattle, USA

3217. Re: Torus Tuner

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-13 06:38:46 UTC
From: just_rtfm <just_rtfm@yahoo.com>
Topic: 3216 Message: 3217

i cannot put up an external antenna (condo). i like loops because of
their ability to reduce RFI (directionality). Ed, Gerry, and Craig
are all good guys... very knowledgeable and helpful.

regards,
phil :)

3218. RE: [icomr75] Re: Torus Tuner

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-13 14:32:34 UTC
From: Gordon Hagewood
Topic: 3216 Message: 3218

Al,

I also noticed the upstairs / downstairs difference. I use the 16" in
the family room on my Sony 7600 or DX-398 and it gets excellent
reception. And you're right about Ed, very helpful.

Gordon

-----Original Message-----
From: Albert Menzl [mailto:almenzl@...]
Sent: Thursday, December 12, 2002 10:01 PM
To: icomr75@yahoogroups.com
Subject: [icomr75] Re: Torus Tuner

Gordon,

Glad to hear you like the 27" Torus Tuner. I've been using the 16" for
SWL
since September. Previous to owning this R75 I've used the loop with my
Sangean 818 and its quite remarkable on camping trips where I can use
the
optional preamp. With my R75 I'll feed the loop through it's preamp and
leave the radio's amp off. It works pretty good at home but since I've
built an outdoor horizontal loop I use that now. I have found that you
have
to experiment with location , and generally, mine works better upstairs
than
downstairs. Perhaps it's the elevation.
Ed's very personable and can help you out with any questions.

Al
Seattle, USA

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[Non-text portions of this message have been removed]

3219. Re: [icomr75] Re: Torus Tuner

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-13 15:11:24 UTC
From: Russ Kiehne
Topic: 3216 Message: 3219

I bought the 27 Torus tuner about six months ago! It works very well with my DX-398, Sangean 818cs and Grundig Satellit 800. I have a small pickup loop I hook to the Sat800 500 ohm conector to inductive couple the 27 Torus loop too. I'll try the same with the r75 when I get it.

Russ
----- Original Message -----
From: "Albert Menzl" <almenzl@...>
To: <icomr75@yahoogroups.com>
Sent: Thursday, December 12, 2002 7:00 PM
Subject: [icomr75] Re: Torus Tuner

> Gordon,
>
> Glad to hear you like the 27" Torus Tuner. I've been using the 16" for SWL
> since September. Previous to owning this R75 I've used the loop with my
> Sangean 818 and its quite remarkable on camping trips where I can use the
> optional preamp. With my R75 I'll feed the loop through it's preamp and
> leave the radio's amp off. It works pretty good at home but since I've
> built an outdoor horizontal loop I use that now. I have found that you have
> to experiment with location , and generally, mine works better upstairs than
> downstairs. Perhaps it's the elevation.
> Ed's very personable and can help you out with any questions.
>
> Al
> Seattle, USA
>
>
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>

3220. agc mod done, and a question

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-13 22:30:30 UTC
From: bobinhoser <bobinhoser@yahoo.com>
Topic: 3220 Message: 3220

hi all. well i did the agc mod, and it is all it is said to be, no more annoying agc noise pumping.I have heard the R75 detector referred to as "quasi-synchronous". anyone know what this means? thanks, BOB.....

3221. R75 with goodies, new price

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-13 23:02:12 UTC
From: Marcus <signal74@optonline.net>
Topic: 3221 Message: 3221

Greetings, seemed my price was too high in previous post. Same deal, same everything but is now $450.00 USD with UPS ground shipping.

Reason for selling, SWL did not excite me that much. Now want a new Uniden digital scanner. My trusty AR3000A provides me with all the AM listening I do. Which is not much to begin with.

Contact me directly via email.

Thanx

3222. Re: [icomr75] 27" MW Torus Tuner with DX398, Icom R75, and Grundig Sat 800

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-14 13:15:59 UTC
From: jimvaljef@aol.com
Topic: 3215 Message: 3222

Where did you buy the Torus antenna? Thanks jim

[Non-text portions of this message have been removed]

3223. RE: [icomr75] 27" MW Torus Tuner with DX398, Icom R75, and Grundig Sat 800

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-14 14:39:46 UTC
From: Gordon Hagewood
Topic: 3215 Message: 3223

You can see the products at www.torustuner.com

Your best bet for technical specifics is to contact the builder, Ed Wawzinski, K3FDY, at edek@hereintown.net. Ed is very responsive to questions and being semi-retired would be happy for you to call him (at reasonable hours!). His phone number is: 301-334-5228. His return policy is: ☐You are entitled to return any portion of the shipment for a refund, that does not meet your expectations.☐

I think you will like this loop.

Gordon

-----Original Message-----
From: jimvaljef@... [mailto:jimvaljef@...]
Sent: Saturday, December 14, 2002 8:16 AM
To: icomr75@yahoogroups.com
Subject: Re: [icomr75] 27" MW Torus Tuner with DX398, Icom R75, and Grundig Sat 800

Where did you buy the Torus antenna? Thanks jim

3224. Shortwave Loop: 16" SWL Torus Tuner with DX398, Icom R75, and Grundig Sat 800

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-14 15:35:33 UTC
From: Gordon Hagewood
Topic: 3224 Message: 3224

I reported earlier on the 27" MW loop. This is the shortwave listening version. I also bought the small FET amp that sits in series between the loop and your receiver. The amp takes a 9 volt battery and draws very little current so the battery will last a long time. Both the loop and the amp have 1/8" plugs for your portables. I purchased a 1/8" to PL-259 adaptor for use with the Grundig and R-75.

If I can borrow from the Radio Netherlands value ratings, I would give the 27" MW loop 5 stars - note this is the MW loop I reported on earlier in the week. I would give the 16" SW loop 3.5 stars as is, and 4.5 stars with the FET amp. What follows is a discussion of my experience with the 16" SW loop.

Reception in my basement shack, not unexpectedly, was much better than a 23' random wire reel antenna but certainly not up to the coax fed dipole -- given that I was in the basement that's not unexpected either. That said, the loop is somewhat directional and nulls out some noise from my house.

Upstairs on the main floor the loop comes into its own. Very good signal - still not as strong as the dipole but still less noisy - and good nulling capability by rotating and traversing the loop. I found that if I turned off or turned down the RF gain and the FET amp, and then used the capacitive tuning knob on the loop to get a faint signal, I could then turn everything back on for the optimum signal before rotating the loop. I took the loop-amp combo up to the second floor and it worked even better. I've already been advised that I'm not moving my shack upstairs to the guest bedroom.

Since the loop packs flat like a small hula hoop and the amp is smaller than a cigarette pack, I expect this combination to be my antenna of choice for travel. I'm going to take it to my interior office at work and see if I get any signal at all.

Regards,

Gordon

[Non-text portions of this message have been removed]

3225. Re: [icomr75] 27" MW Torus Tuner with DX398, Icom R75, and Grundig Sat 800

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-14 15:46:05 UTC
From: Russ Kiehne
Topic: 3215 Message: 3225

http://www.torustuner.com
----- Original Message -----
From: <jimvaljef@...>
To: <icomr75@yahoogroups.com>
Sent: Saturday, December 14, 2002 5:15 AM
Subject: Re: [icomr75] 27" MW Torus Tuner with DX398, Icom R75, and Grundig Sat 800

> Where did you buy the Torus antenna? Thanks jim
>
>
> [Non-text portions of this message have been removed]
>
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>

3226. My R-75 countdown begins ...Antenna choice must be made

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-14 16:36:44 UTC
From: dukeofbecker <perezcj@cobleskill.edu>
Topic: 3226 Message: 3226

My R-75 will soon be ordered. (must wait...I won't use credit cards!)
Now I must choose and set up an antenna to prepare the way! I am
considering the Alpha Delta DX Ultra. It receives a rave review in
Passport, but it is a bear to set up.
Also, I'm wondering if this level of antenna is overkill for this
receiver...but it seems for a modest cost (~$110 US from Universal)
we might as well get the best. Any advice out there?

P.S.
Anybody from upstate NY out there?

Carl

3227. RE: [icomr75] My R-75 countdown begins ...Antenna choice must be made

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-14 18:03:38 UTC
From: Gordon Hagewood
Topic: 3226 Message: 3227

I'm happy with my 100 foot dipole. Depending on the length of your coax feed, you can probably build the wire, insulator, feed part for under $20 + cost of coax. I use this as the primary antenna (with a splitter) for both the R75 and Sat 800.

Gordon

-----Original Message-----
From: dukeofbecker <perezcj@...>
[mailto:perezcj@...]
Sent: Saturday, December 14, 2002 11:37 AM
To: icomr75@yahoogroups.com
Subject: [icomr75] My R-75 countdown begins ...Antenna choice must be made

My R-75 will soon be ordered. (must wait...I won't use credit cards!)
Now I must choose and set up an antenna to prepare the way! I am considering the Alpha Delta DX Ultra. It receives a rave review in Passport, but it is a bear to set up.
Also, I'm wondering if this level of antenna is overkill for this receiver...but it seems for a modest cost (~$110 US from Universal) we might as well get the best. Any advice out there?

P.S.
Anybody from upstate NY out there?

Carl

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[Non-text portions of this message have been removed]

3228. Re: My R-75 countdown begins ...Antenna choice must be made

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-14 19:28:54 UTC
From: ic0mr75 <219@bigfoot.com>
Topic: 3226 Message: 3228

Hi Carl:
Congrats on the new purchase. I use a homebrew T2FD antenna that cost me less than $30 (US) to make. http://www.hard-core-dx.com/nordicdx/antenna/wire/t2design.html Unless you don't mind paying $100+ for some wire and insulators, I would never buy an antenna. Homebrew antennas work better anyhow. My T2FD covers 4 MHz to 30 MHz, but I have had success on 75 and 80 meters with it as well. The plans call for a 4:1 balun. I use a 300 to 75 ohm transformer designed for TV....I also use 75 ohm cable TV feed line (RG6). So spend a rewarding afternoon building your own antenna, and pocket the $110 for something more reasonable like a hand-held remote controlled TV.

Good luck,

Jim

--- In icomr75@yahoogroups.com, "dukeofbecker <perezcj@c...>" <perezcj@c...> wrote:
> My R-75 will soon be ordered. (must wait...I won't use credit cards!)
> Now I must choose and set up an antenna to prepare the way! I am
> considering the Alpha Delta DX Ultra. It receives a rave review in
> Passport, but it is a bear to set up.
> Also, I'm wondering if this level of antenna is overkill for this
> receiver...but it seems for a modest cost (~$110 US from Universal)
> we might as well get the best. Any advice out there?
>
> P.S.
> Anybody from upstate NY out there?
>
> Carl

3229. RE: [icomr75] Re: My R-75 countdown begins ...Antenna choice must be made

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-14 22:29:37 UTC
From: Guy Atkins
Topic: 3226 Message: 3229

Jim's your reference URL to the T2FD is a page of my article I authored for the Proceedings books in the early 1990s, and reprinted by Hard-Core-DX, NRC, and ODXA with my permission. Anyone going to this URL will want to read the rest of the text, too, on other pages at Hard-Core-DX.

Over the years I've built & used a number of T2FDs for tropical band DXing. Most of them were constructed for 90 meters and up. It's a great antenna design; not particularly efficient for transmitting but it gives a uniform impedance across a wide frequency range, and is a quiet receive antenna.

However, I find the statement "homebrew antennas work better anyhow" as whitewashing commercial antennas with a broad brush. The Carolina Beam antenna (The Radio Works Co.) I used for years surpassed my T2FDs for long-haul, low-angle DX signals such as India, and Africans on morning long path. It was designed and marketed toward amateurs for use on 80m and up, but it works great for SWBC reception. The Carolina Beam is more susceptible to noise but provided a better signal-to-noise ratio on those really distant stations in the tropicals. The T2FDs were normally better for general SWLing on the higher bands (RNZI on 17675 was an exception-- the Carolina Beam was phenomenal on this station). Radio Works may not sell this particular design any longer; they used to have two versions available. I know they still sell their "Carolina Windom" of which the Carolina Beam was a variation. Tony Ward, VE3NO, is another DXer I know who speaks highly of the Carolina Beam. Tony's an accomplished MW DXer who also uses the K9AY, a Radio Works' "SuperLoop", and multiple beverage antennas.

In general, I found my Wellbrook Communication's K9AY to surpass the T2FD. This has been my antenna of choice for a few years now. To me, it was worth it to spend the money for something I knew was going to work excellently out-of-the-box. Although I've frequently homebrewed I didn't have time to construct the electronics for this more complicated antenna. Wellbrook's built-in preamplifier, head unit and control box are first-rate. It's a versatile, compact and low-noise design.

I usually stick with beverage antennas on DXpeditions. Only rarely did the K9AY beat the beverages on trans-Pacific MW DX... it's very ground-dependent. If the soil at the WA coast is saturated from days of winter storms, the K9AY can perform neck-and-neck with the beverages. However, in drier soil conditions the beverages are clearly superior. Sometimes we use dual-wire beverages which theoretically give better gain. I don't recall the transformer or impedance details (the parts are owned by a fellow DXer) but it's different than the usual 9:1 beverage, EWE, and flag/pennant transformer.

Bottom line: don't write off commercial antennas; you'll miss some good choices.

Guy Atkins
Puyallup, WA USA

-----Original Message-----
From: ic0mr75 <219@...> [mailto:219@...]
Sent: Saturday, December 14, 2002 11:29 AM
To: icomr75@yahoogroups.com
Subject: [icomr75] Re: My R-75 countdown begins ...Antenna choice must be made

Hi Carl:
Congrats on the new purchase. I use a homebrew T2FD antenna that cost me less than $30 (US) to make. http://www.hard-core-dx.com/nordicdx/antenna/wire/t2design.html Unless you don't mind paying $100+ for some wire and insulators, I would never buy an antenna. Homebrew antennas work better anyhow. My T2FD covers 4 MHz to 30 MHz, but I have had success on 75 and 80 meters with it as well. The plans call for a 4:1 balun. I use a 300 to 75 ohm transformer designed for TV....I also use 75 ohm cable TV feed line (RG6). So spend a rewarding afternoon building your own antenna, and pocket the $110 for something more reasonable like a hand-held remote controlled TV.

Good luck,

Jim

--- In icomr75@yahoogroups.com, "dukeofbecker <perezcj@c...>" <perezcj@c...> wrote:
> My R-75 will soon be ordered. (must wait...I won't use credit cards!)
> Now I must choose and set up an antenna to prepare the way! I am
> considering the Alpha Delta DX Ultra. It receives a rave review in
> Passport, but it is a bear to set up.
> Also, I'm wondering if this level of antenna is overkill for this
> receiver...but it seems for a modest cost (~$110 US from Universal)
> we might as well get the best. Any advice out there?
>
> P.S.
> Anybody from upstate NY out there?
>
> Carl

[Non-text portions of this message have been removed]

3230. Blue Water Cruisers Net

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-15 04:24:39 UTC
From: Jim <dejimk0jad@yahoo.com>
Topic: 3230 Message: 3230

Found a interesting net that is on 6215 @ 100 Zulu. Boats all over checking in with "Wonder Lust 5" (net control). Lots of fun chit-chat here. I think it's on every evening but for sure m-s. Anyone know of the common freqs for boat to boat conversations?

3231. Good Price on R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-15 05:05:06 UTC
From: k8dxn <k8dxn@charter.net>
Topic: 3231 Message: 3231

I'm new to the group as I just purchased a new Icom R75 today from R and L electronics. It is the best price I have seen for this radio. I paid $439.95 plus shipping. This price is good thru 12-15-02 according to their web site. The web site lists the price as $499.95 for the R75 with the DSP unit and you get a $60 gift certificate for merchandise from their store. Today(12-14-02) was their customer appreciation day and they had a lot of specials. When I called they took the $60 certificate off of the $499.95 price which made it $439.95 and I guess $7-10 for shipping. I think the way it is listed when you do a search of the model number that they will honor web orders through Sunday(12-15-02) as they are closed on Sunday. I ordered mine just before closing and he said they still had a few in stock and also the DSP units to ship with the radio. Thought some might like to know. BTW this looks like a great group and I hope to contribute in the near future. 73 Rick.

3232. Re: Good Price on R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-15 05:37:16 UTC
From: just_rtfm <just_rtfm@yahoo.com>
Topic: 3231 Message: 3232

welcome aboard Rick! $440 is a GREAT price! [also an excellent choice of displacement for an internal combustion engine] be sure to check out the files section. keep us posted as to your thoughts on the unit. many online descriptions do not do the unit justice: it is small, well built, has nice buttons, beefy tuning knob, super bright display, and an external brick power supply.

regards,
phil :)

3233. Re: Good Price on R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-15 08:37:05 UTC
From: labdog98f <scannerfreq@worldnet.att.net>
Topic: 3231 Message: 3233

Well, I finally took the plunge and ordered the R75 from R&L after seeing Rick's post. I ordered on the web since they are closed. I hope they do the same deal with the $60 certificate that they did with Rick!

Now for a couple of questions:

1. This radio will need an indoor antenna. What does the group suggest (random wire around ceiling, dipole around ceiling and fed with ladder line, etc.)? I plan on listening to utility, military, aviation, marine, etc. comms. Also, since it will be an indoor antenna, will I need to disconnect it during T-storms or to prevent static charges?

2. Is anyone on the list in the D/FW area and comfortable with performing the mods talked about on the group? What little bit of soldering I have done was rather crude and I would hate to toast a new receiver.

TIA for any help.

I have been lurking on this board for a while and have "learned" quite a lot, although the posts get a bit over my head as far as the "techie" stuff goes.

Scott

3234. filters

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-15 10:05:55 UTC
From: virchow2003 <Mahyalchem@aol.com>
Topic: 3234 Message: 3234

I am new to the hobby of SWL and recently moved up from a Roberts 891 portable to the IC R75 with a Wellbrook ALA1530. I am only interested in broadcast listening for the time being and took the advice of Universal Radio and got the optional FL103 and 257 filters.I find the manual rather unhelpful with regards to the filters and I would be grateful if someone could let me know in simple terms how to sey up the filters for broadcast listening. Thanks.

3235. Re: [icomr75] Re: Good Price on R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-15 10:26:18 UTC
From: Bill Brady
Topic: 3231 Message: 3235

labdog98f <scannerfreq@...> Wrote:

1. This radio will need an indoor antenna. What does the group
suggest (random wire around ceiling, dipole around ceiling and fed
with ladder line, etc.)?

I have such a wire and my R-75 prefers it to my outside DX/SWL sloper. Go
figure. I connect only one leg to the red binder on the R-75. The set gets
its ground from the Sloper Co-Ax.

--Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest
hour that the most stars come out.

[Non-text portions of this message have been removed]

3236. Re: [icomr75] Re: Good Price on R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-15 14:30:58 UTC
From: Moxie3
Topic: 3231 Message: 3236

Scott,
Don't feel so bad as I've been observing these posts for a long time and I'm still in a fog. I've been using my radio as is, and thus far I've been happy. But maybe I could be even happier with the mods but I too don't trust my soldering ability, and if and when I do anything, I guess I'll have to send to KIWA. From what I've read, the AM and fidelity mods are very good ones, but then again, what do I know.
George
----- Original Message -----
From: <scannerfreq@...>
To: <icomr75@yahoogroups.com>
Sent: Sunday, December 15, 2002 2:37 AM
Subject: [icomr75] Re: Good Price on R75

> Well, I finally took the plunge and ordered the R75 from R&L after
> seeing Rick's post. I ordered on the web since they are closed. I
> hope they do the same deal with the $60 certificate that they did
> with Rick!
>
> Now for a couple of questions:
>
> 1. This radio will need an indoor antenna. What does the group
> suggest (random wire around ceiling, dipole around ceiling and fed
> with ladder line, etc.)? I plan on listening to utility, military,
> aviation, marine, etc. comms. Also, since it will be an indoor
> antenna, will I need to disconnect it during T-storms or to prevent
> static charges?
>
> 2. Is anyone on the list in the D/FW area and comfortable with
> performing the mods talked about on the group? What little bit of
> soldering I have done was rather crude and I would hate to toast a
> new receiver.
>
> TIA for any help.
>
> I have been lurking on this board for a while and have "learned"
> quite a lot, although the posts get a bit over my head as far as
> the "techie" stuff goes.
>
> Scott
>
>
>
>
> To unsubscribe from this group, send an email to:

> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

3237. Re: Good Price on R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-15 15:31:06 UTC
From: atagrasin <k1c2@hotmail.com>
Topic: 3231 Message: 3237

--- In icomr75@yahoogroups.com, "Moxie3" <moxie3@e...> wrote:
> Scott,
> Don't feel so bad as I've been observing these posts for a long
time and I'm
> still in a fog. I've been using my radio as is, and thus far I've
been
> happy. But maybe I could be even happier with the mods but I too
don't
> trust my soldering ability, and if and when I do anything, I guess
Hi Moxie 3:Why not go to your next TV, computer or audio repair shop
with a copy of the intructions and a copy of the online service
manual [files].They are working everyday with this kind of "SF" micro
components..The AGC mod and the "Phildelity" mod are very easy mods
[1 cap 4 resistors to solder.]
Atagrasin.

3238. Re: [icomr75] Re: Good Price on R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-15 19:21:18 UTC
From: Moxie3
Topic: 3231 Message: 3238

Atagrasin,
You're probably right having a TV, computer, etc. repair shop perform the work using the instructions but I have my reservations. If I'm going to have it done, I would prefer someone who has done it before and doesn't need instructions. I'm just surprised there isn't anyone other than KIWA doing the work. I would prefer paying someone locally rather than having to ship the unit, but I don't believe that will be the case. So when and if I get the work done, I'll have to bite the bullet and ship it to KIWA.
George
> Hi Moxie 3:Why not go to your next TV, computer or audio repair shop
> with a copy of the intructions and a copy of the online service
> manual [files].They are working everyday with this kind of "SF" micro
> components..The AGC mod and the "Phildelity" mod are very easy mods
> [1 cap 4 resistors to solder.]
> Atagrasin.
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

3239. Re: Torus Tuner

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-15 22:00:17 UTC
From: Gary Kinsman <gkinsman@pacbell.net>
Topic: 3216 Message: 3239

Russ and others,

Where is a good place to get a small pickup loop? I have one on my Onkyo stereo receiver; it's self-standing, about 5" across by 5" tall by 1/2" thick (not counting the base).

I believe it's a Sagami 4910 standard loop antenna (link below).

http://www.sagami-elec.co.jp/english/product/loop.htm

I use this to inductively couple to a Black Box Antenna, which is a 7" by 10" tunable, rectangular loop. It's sort of a small, rectangular version of the Select-A-Tenna. This combination works well.

If anyone knows where to get a small, self-standing pickup loop like the Sagami 4910, please let me know. I didn't see anything like this in the Radio Shack catalog.

Thanks,
Gary

--- In icomr75@yahoogroups.com, "Russ Kiehne" <wb6niu@1...> wrote:
> I bought the 27 Torus tuner about six months ago! It works very well with
> my DX-398, Sangean 818cs and Grundig Satellit 800. I have a small pickup
> loop I hook to the Sat800 500 ohm conector to inductive couple the 27 Torus
> loop too. I'll try the same with the r75 when I get it.
>
> Russ

3240. Re: Torus Tuner

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-15 22:44:50 UTC
From: just_rtfm <just_rtfm@yahoo.com>
Topic: 3216 Message: 3240

hi Gary:

how about visit a retail electronics shop and find a radio that comes standard with one of those loops. then write the company's service department for a "replacement".

phil :)

3241. Re: filters

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-16 01:07:50 UTC
From: just_rtfm <just_rtfm@yahoo.com>
Topic: 3234 Message: 3241

hello, you will probably want the following setup:

SSB narrow 2.4, 2.4
SSB normal 2.8, 15.0
SSB wide 15.0, 3.3

here is the procedure...

Press 'SSB' to enter either LSB or USB [doesn't matter which].
Press and hold 'FIL' for 2 seconds until '9M' is displayed.

Press 'UP' until 'EXP' is displayed.
Turn the dial until 'EXP oN' is displayed.
Press 'UP' until 'oP1' is displayed.
Turn the dial until '103' is displayed.
Press 'Up' until 'oP2' is displayed.
Turn the dial until '257' is displayed.

Press 'Up' until '9M' is displayed.
Turn the dial until '2.8' is displayed.
Press 'Up' until '455k' is displayed.
Turn the dial until '15' is displayed.

Press 'Up' until '9M' with N above [narrow] is displayed.
Turn the dial until '2.4' is displayed.
Press 'Up' until '455k' with N above is displayed.
Turn the dial until '2.4' is displayed.

Press 'Up' until '9M' with W above [wide] is displayed.
Turn the dial until '15' is displayed.
Press 'Up' until '455k' with W above is displayed.
Turn the dial until '3.3' is displayed.

Press 'FIL' to exit filter setup mode.

Usage: tune a station, press FIL to cycle through the three filters.

you can do something similar on AM by pressing AM [make sure you're
in the AM not SAM mode] before FIL and setting them up as follows:

AM narrow 2.4, 2.4
AM normal 15.0, 3.3
AM wide 15.0, 6.0

when done try this... apply PBT [turn both in same direction] while
using the 3.3 kHz filter under AM [aka not SAM].

phil :)

3242. Re: [icomr75] Re: filters

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-16 02:36:55 UTC
From: samson Saltoon
Topic: 3234 Message: 3242

dear phil,
could you tell me what is the filter setup i have got filter FL-103 and
FL-52A.

what is the best settings

regards

samson

>From: "just_rtfm <just_rtfm@...>" <just_rtfm@...>
>Reply-To: icomr75@yahoogroups.com
>To: icomr75@yahoogroups.com
>Subject: [icomr75] Re: filters
>Date: Mon, 16 Dec 2002 01:07:50 -0000
>
>hello, you will probably want the following setup:
>
>SSB narrow 2.4, 2.4
>SSB normal 2.8, 15.0
>SSB wide 15.0, 3.3
>
>here is the procedure...
>
>Press 'SSB' to enter either LSB or USB [doesn't matter which].
>Press and hold 'FIL' for 2 seconds until '9M' is displayed.
>
>Press 'UP' until 'EXP' is displayed.
>Turn the dial until 'EXP oN' is displayed.
>Press 'UP' until 'oP1' is displayed.
>Turn the dial until '103' is displayed.
>Press 'Up' until 'oP2' is displayed.
>Turn the dial until '257' is displayed.
>
>Press 'Up' until '9M' is displayed.
>Turn the dial until '2.8' is displayed.
>Press 'Up' until '455k' is displayed.
>Turn the dial until '15' is displayed.
>
>Press 'Up' until '9M' with N above [narrow] is displayed.
>Turn the dial until '2.4' is displayed.
>Press 'Up' until '455k' with N above is displayed.
>Turn the dial until '2.4' is displayed.
>
>Press 'Up' until '9M' with W above [wide] is displayed.
>Turn the dial until '15' is displayed.

>Press 'Up' until '455k' with W above is displayed.
>Turn the dial until '3.3' is displayed.
>
>Press 'FIL' to exit filter setup mode.
>
>Usage: tune a station, press FIL to cycle through the three filters.
>
>you can do something similar on AM by pressing AM [make sure you're
>in the AM not SAM mode] before FIL and setting them up as follows:
>
>AM narrow 2.4, 2.4
>AM normal 15.0, 3.3
>AM wide 15.0, 6.0
>
>when done try this... apply PBT [turn both in same direction] while
>using the 3.3 kHz filter under AM [aka not SAM].
>
>phil :)
>
>

_____
The new MSN 8: advanced junk mail protection and 2 months FREE*
http://join.msn.com/?page=features/junkmail

3243. filters

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-16 02:46:06 UTC
From: samsons51au <samsons51@hotmail.com>
Topic: 3234 Message: 3243

DEAR PHIL,
I HAVE 2 FILTERS FL-103 AND FL-52A,
COULD YOU TELL ME WHAT IS THE BEST SETTINGS FOR THESE FILTERS AND
ALSO COULD YOU TELL ME WHAT IS THE BEST SETTING FOR AM SSB RTTY AN FM
PLEASE.

REGARDS

SAMSON

3244. Newbie Questions - was Re: Good Price on R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-16 03:08:33 UTC
From: labdog98f <scannerfreq@worldnet.att.net>
Topic: 3244 Message: 3244

Bill and George, thank you for your replies.

Since I do not have an outdoor antenna, should I just connect a single random wire to the red binding post or do I need a ground? Speaking of grounds, I have just used scanners and RS SW radios (with a random wire alligator clipped to the external ant.) in the past so I do not have any kind of shack/station ground spot connected to a ground rod outside. Since this is receive only and no transmit, what should I use as an:

1. RF ground

2. Antenna ground

3. Electrical ground?

I had thought about a kind of "homemade" dipole connected to the R75 using balanced ladder line or 300 ohm twin lead. The actual wire lengths would be the same (about 16' each around the ceiling where it meets the wall). Would this work? What do the more technically astute in the group suggest?

Thank you again for any advice for the rookie on the group.

Scott

3245. Newbie question part II

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-16 03:27:13 UTC
From: labdog98f <scannerfreq@worldnet.att.net>
Topic: 3245 Message: 3245

After going through some of the prior posts, I have picked up the RS RCA external speaker (40-5000) and I am looking at the

B&W ASW-60 Multiband Trap Listening Antenna
11 through 60 meters

I see they still show it as a web special for $35 with either 50 or 75ohm coax or twin-lead feed line. Will this cover all of the "action" areas as far as USAF GHFS, Aviation, Marine, Coast Guard, Mil-coms, etc., or will a lot of it be "blocked out" since the antenna is tuned just for 11-60 meters (4750 - 26100 KHz)? Could this antenna be used strung up around the ceiling where the wall meets?

Sorry for all of the questions, I just want to make this as good of a listening "post" as I can based on what I have to work with.

Thank you all again.

Scott

3246. Re: filters

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-16 03:34:52 UTC
From: just_rtfm <just_rtfm@yahoo.com>
Topic: 3234 Message: 3246

hi Samson:

i do not own the filters you have but i would probably go with this...

SSB narrow 2.4, 2.4 [1]
SSB normal 2.8, 15.0 [main usage]
SSB wide 15.0, 6.0 [2]

note [1]: apply PBTs in opposite direction to further limit bandwidth
and change tone... works well with hams and utility (voice).

note [2]: use for ECSS tuning (aka tuning AM stations as if were
SSB): change frequency in 1 Hz increments until flutter is no longer
heard, then switch back to SSB normal.

AM narrow 2.4, 2.4 [3]
AM normal 2.8, 15.0 [4]
AM wide 15.0, 6.0 [main usage]

note [3]: apply PBTs together under AM (or just the outer PBT for
SAM) to enhance either the upper or lower side of the signal.

note [4]: apply outer PBT to enhance upper or lower side of signal. i
would use this over the one above due to ease and wider bandwidth.

FM normal 15.0, 15.0 [main usage]
FM narrow 15.0, 6.0 [5]

note [5]: you may find this setting too narrow.

CW normal 2.4, 500 Hz [main usage]
CW wide 2.4 2.4 [6]

note [6]: for wide RTTY or to see on a bandscope. twist PBTs in
opposite directions to narrow bandwidth further.

regards,
phil :)

3247. Re: [icomr75] Re: filters

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-16 05:57:05 UTC
From: Gert Nilsson
Topic: 3234 Message: 3247

Another possible choice for SSB normal with your filters should be 2,8 and 3,3 kHz filters.
----- Original Message -----
From: just_rtfm <just_rtfm@...>
To: icomr75@yahoogroups.com
Sent: Monday, December 16, 2002 1:07 AM
Subject: [icomr75] Re: filters

hello, you will probably want the following setup:

SSB narrow 2.4, 2.4
SSB normal 2.8, 15.0
SSB wide 15.0, 3.3

here is the procedure...

Press 'SSB' to enter either LSB or USB [doesn't matter which].
Press and hold 'FIL' for 2 seconds until '9M' is displayed.

Press 'UP' until 'EXP' is displayed.
Turn the dial until 'EXP oN' is displayed.
Press 'UP' until 'oP1' is displayed.
Turn the dial until '103' is displayed.
Press 'Up' until 'oP2' is displayed.
Turn the dial until '257' is displayed.

Press 'Up' until '9M' is displayed.
Turn the dial until '2.8' is displayed.
Press 'Up' until '455k' is displayed.
Turn the dial until '15' is displayed.

Press 'Up' until '9M' with N above [narrow] is displayed.
Turn the dial until '2.4' is displayed.
Press 'Up' until '455k' with N above is displayed.
Turn the dial until '2.4' is displayed.

Press 'Up' until '9M' with W above [wide] is displayed.
Turn the dial until '15' is displayed.
Press 'Up' until '455k' with W above is displayed.
Turn the dial until '3.3' is displayed.

Press 'FIL' to exit filter setup mode.

Usage: tune a station, press FIL to cycle through the three filters.

you can do something similar on AM by pressing AM [make sure you're
in the AM not SAM mode] before FIL and setting them up as follows:

AM narrow 2.4, 2.4
AM normal 15.0, 3.3
AM wide 15.0, 6.0

when done try this... apply PBT [turn both in same direction] while using the 3.3 kHz filter under AM [aka not SAM].

phil :)

To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

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[Non-text portions of this message have been removed]

3248. Re: Newbie question part II

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-16 06:04:22 UTC
From: mensch90249 <mensch90249@yahoo.com>
Topic: 3245 Message: 3248

Scott,
Before spending the $$ for the B&W antenna go ahead and try out the 32 foot dipole you mentioned in your previous post. You should also try running a wire from the 'red' terminal up your wall and then run it along the wall ceiling junction. Not being familiar with the B&W I can't comment on how well it works - especially outside it's design parameters. The traps will assure a truly 'ugly' (at least to non-radio folks) installation and you will still have home-generated noise to deal with. Were it me, I'd just use a thin diameter wire that blends into your wall/celing color and put up as much as possible & try to stick to outside walls.

If you're interested in how I've handled indoor antenna's in more detail let me know & I can e-mail you some drawings (GIF format) & some of the mistakes I learned from.

Good luck,
Howard
--- In icomr75@yahoogroups.com, "labdog98f <scannerfreq@w...>" <scannerfreq@w...> wrote:
> After going through some of the prior posts, I have picked up the RS
> RCA external speaker (40-5000) and I am looking at the
>
> B&W ASW-60 Multiband Trap Listening Antenna
> 11 through 60 meters
>
> I see they still show it as a web special for $35 with either 50 or
> 75ohm coax or twin-lead feed line. Will this cover all of
> the "action" areas as far as USAF GHFS, Aviation, Marine, Coast
> Guard, Mil-coms, etc., or will a lot of it be "blocked out" since the
> antenna is tuned just for 11-60 meters (4750 - 26100 KHz)? Could
> this antenna be used strung up around the ceiling where the wall
> meets?
>
> Sorry for all of the questions, I just want to make this as good of a
> listening "post" as I can based on what I have to work with.
>
> Thank you all again.
>
> Scott

3249. Info request

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-16 13:27:42 UTC
From: wywh273 <michelangelo.conoscenti@unito.i
Topic: 3249 Message: 3249

Dear friends,

I have had an IC-R75 for two months now and I would like to share with you some ideas and impressions.

I am writing now, after two months of careful reading of the list messages, because I wanted to gather personal data and I was aware it takes a little while to get used to all the opportunities the receiver offers and to learn to operate it properly. Phil's cookbook was an excellent reference.

Previously I owned a Yaesu FRG-100 and I was quite happy with that, but as you might know, after a while it is nice to have a change. This decision was helped because I already had a buyer for the old Rx and I found a 3hr-old R75 at half the original price (here in Italy it goes around 1000$ for a new one). Adding a little of money to what I got for the old Rx I also added the DSP unit scoring a total of 600$ (when I read about your US prices I feel a bit envious).

Actually, in the beginning I fancied a JRC or a Drake, but their price was impossible (around 5000$ because of the import duties).
Nonetheless I made my research and in the end I came to the point I started, R75.

The setting here is quite basic and my listening habits are mainly utility oriented, but I don't mind SWBCL.

The R75, as I said before, is an out of the box plus DSP.

Filter setting is as follows:

SSB:

Normal: 9M = 2.4; 455K = 6
Narrow: 9M = 2.4; 455K = 2.4
Wide: 9M = 15; 455K = 6

AM/S-AM:

Normal: 9M = 15; 455K = 6
Narrow: 9M = 2.4; 455K = 6
Wide: 9M = 15; 455K = 15

CW:

Normal: 9M = 2.4; 455K = 6
Narrow: 9M = 2.4; 455K = 2.4
Wide: 9M = 15; 455K = 2.4

RTTY:

Normal: 9M = 2.4; 455K = 2,4
Narrow: 9M = off; 455K = off
Wide: 9M = 15; 455K = 2,4

FM:

Normal: 9M = 15; 455K = 15
Narrow: 9M = 15; 455K = 6
Wide: 9M = off; 455K = off

(If you feel filters mix could be improved, please fill free to send suggestions, TNX!)

Antenna: 12,5 m , 18 m from the ground on the East - West axis coupled with a Magnetic Longwire Baloon by RF Systems.

Software used:

Radio Raft, ALE, RadioCom4, and Smart Icom Control.

I am quite lucky because I can work a lot of time at home and the RX is on my desk, by the computer, so while I work I can casually listen to some transmission or scan frequencies I prepared with Smart Icom.

After two months I am happy with the receiver and this are my general comments.

Audio: I think this is the weakest part of the receiver. As many others in the list I operate with the DSP almost on and I find the Audio a bit flat, missing intermediate and high tones. I temporarily solved this in two ways. 1) Headphones (Sennheiser HD 530 ii) 2) I work a lot with Twin PBT and mix them with narrow and wide filter selection. When signal is reasonably strong I opt for the W selection and it sounds FM like, even through the speaker.

I am thinking of buying a better external speaker. I regret all the ext. you mentioned in the messages are not available on the European market, otherwise I would have already bought one. If you have suggestions, please do tell me! I understood the RCA one was a good one, but shipping it to Italy it would cost more than the speaker itself.

The NB is effective. I live in a cond and during Xmas time people have trees with lights going on and off causing a lot of noise. This is the first Xmas my evening listening sessions are not disturbed by these. I wish I could do something for TV sets interference. My own generates noise straight on 8906 (MWARA NAT-A).

The NR and ANF work pretty well, although using them together has frequently bad effects on the output audio. I mean, adding the ANF while the NR is already on will deteriorate the audio in a way, I am afraid, my linguistic skills cannot describe.

Nonetheless I fully appreciate what they can do. Please consider I usually use NR with level 4 or 5. These are some comments from my logs of BC stations:

17870.00 kHz 1809 10 Nov 02 USB SINPO 35233 Channel Africa, S. Africa, NR Level 10, Twin PBT ON, very weak signal, a lot of statics but heard from USB. PREAMP 2 ON.

13750.00 kHz 2115 13 Nov 02 AM SINPO 35222 Radio Havana Cuba, a lot of background noise and QSB. Reduced by means of NR Level 10. Pre 2.

21730.00 kHz 1127 16 Nov 02 AM SINPO 35323 V of Islamic Rep of Iran, Listened to in ECSS to reduce QSB.

9730.00 kHz 2129 10 Nov 02 USBN SINPO 53534 Voice of Vietnam, NR 10.

17650.00 kHz 1630 04 Dec 02 AM SINPO 42333 WHRA Maine, Strong Beat Tone, but almost completely reduced by ANF.

Generally speaking I have to say I am happy with the S-AM, although I cannot say if the S part of it is bad or good. I have it constantly on and I enjoy the listening.

I started with BC as it is not my favourite Rx activity.

Utility is where I am most enjoying the receiver. Its sensibility and selectivity are just great and my logs are richer of beautiful logs, from areas that were almost absent before (although during periods of better propagation conditions). They include MWARA SEA 1,2,3, AFI 4 and SP 6-7. I am still missing CEP (all zones), but I am a stubborn listener ;-)

Now, if you were kind enough to follow me up until now, I come with my questions.

I am going to generate, with a friend's help much better at soldering, a Franken radio.

As you understood Utility is my favourite, so I would like to make some mod that would improve the radio in the whole, without compromising its excellent performance in the SSB side.

I was thiking of Phil's Phidelity mod to increase the quality of audio when using DSP NR in SSB.

As the RX is a bit deaf in the MW and LW bands (where some utilites are around as well) I was thinking of something as the Rado's one (BTW, this is the only one I could not find in the files section, could you please tell me where I could find it?).

I have to say that I was recently confused reading some messages about mods, so my final question is:

Could you please suggest what you think might be the best mods considering my listening habits? Could you please list them in order of preference / priority?

I thank you all in advance for your coming suggestions and I wish you all a Merry Xmas and a 2003 full of happyness and peace.

I am very happy to belong to this discussion list.

Michelangelo I1-2140 (licensed SWL since 1986, listening to since 1976).

3250. Re: My R-75 countdown begins ...Antenna choice must be made

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-16 18:14:17 UTC
From: dukeofbecker <perezcj@cobleskill.edu>
Topic: 3226 Message: 3250

Nice posts!! Much appreciated.

Guy & Jim,
Your technical saavy and experience far surpass any knowledge my heretofore casual SWL status belies! As a result of your posts I've been sniffing around http://www.hard-core-dx.com regarding T2FD design and http://www.radioworks.com for the Carolina Windom. Also, the http://www.wellbrook.uk.com/ has promising but expensive options.

I suppose I would initially be happy with any of the above.

Question: Being of Carribean heritage, I have always been intrigued with the possibility of Tropical Band (90-120m) reception. Up to now, I have only used small portables (no ext. antenna) and have in general, not been able to receive much in these SW bands. I am blessed with 2 acres of land and am able to put up antennas of length 200 feet (or even longer!). A T2FD design of 100 feet is said to cover 90 meter band well. How about the 120 m band? Some formulas suggest that a lowest frequency of 2250 kHz requires antennas of approx. 200 feet.

Is the significant extra effort (a 200 feet T2FD design) worth the result in this lowest freq SW band? Is there much transmission going on down there?

Another question: The hard-core-dx website seems to imply the T2FD is installed in sloper fashion, with one end elevated and other spiked to the ground. Right angle trigonometry tells us to insure an angle of elevation of 30 degrees on a 100 foot long antenna means the elevated end must be half the length or 50 ft high. Yikes!...Is the sloper type install preferred? Does it really have to be as tall as half the length?

Any advice out there?

Thanks again...You've are a great and energetic group!
Carl

and icomr75@yahoogroups.com, "Guy Atkins" <dx@g...> wrote:
> Jim's your reference URL to the T2FD is a page of my article I authored for
> the Proceedings books in the early 1990s, and reprinted by Hard-Core-DX,
> NRC, and ODXA with my permission. Anyone going to this URL will want to read
> the rest of the text, too, on other pages at Hard-Core-DX.
>

> Over the years I've built & used a number of T2FDs for tropical
band DXing.
> Most of them were constructed for 90 meters and up. It's a great
antenna
> design; not particularly efficient for transmitting but it gives a
uniform
> impedance across a wide frequency range, and is a quiet receive
antenna.
>
> However, I find the statement "homebrew antennas work better
anyhow" as
> whitewashing commercial antennas with a broad brush. The Carolina
Beam
> antenna (The Radio Works Co.) I used for years surpassed my T2FDs
for
> long-haul, low-angle DX signals such as India, and Africans on
morning long
> path. It was designed and marketed toward amateurs for use on 80m
and up,
> but it works great for SWBC reception. The Carolina Beam is more
susceptible
> to noise but provided a better signal-to-noise ratio on those
really distant
> stations in the tropicals. The T2FDs were normally better for
general SWLing
> on the higher bands (RNZI on 17675 was an exception-- the Carolina
Beam was
> phenomenal on this station). Radio Works may not sell this
particular design
> any longer; they used to have two versions available. I know they
still sell
> their "Carolina Windom" of which the Carolina Beam was a variation.
Tony
> Ward, VE3NO, is another DXer I know who speaks highly of the
Carolina Beam.
> Tony's an accomplished MW DXer who also uses the K9AY, a Radio
Works'
> "SuperLoop", and multiple beverage antennas.
>
> In general, I found my Wellbrook Communication's K9AY to surpass
the T2FD.
> This has been my antenna of choice for a few years now. To me, it
was worth
> it to spend the money for something I knew was going to work
excellently
> out-of-the-box. Although I've frequently homebrewed I didn't have
time to
> construct the electronics for this more complicated antenna.
Wellbrook's
> built-in preamplifier, head unit and control box are first-rate.

It's a
> versatile, compact and low-noise design.
>
> I usually stick with beverage antennas on DXpeditions. Only rarely
did the
> K9AY beat the beverages on trans-Pacific MW DX... it's very
> ground-dependent. If the soil at the WA coast is saturated from
days of
> winter storms, the K9AY can perform neck-and-neck with the
beverages.
> However, in drier soil conditions the beverages are clearly
superior.
> Sometimes we use dual-wire beverages which theoretically give
better gain. I
> don't recall the transformer or impedance details (the parts are
owned by a
> fellow DXer) but it's different than the usual 9:1 beverage, EWE,
and
> flag/pennant transformer.
>
> Bottom line: don't write off commercial antennas; you'll miss some
good
> choices.
>
> Guy Atkins
> Puyallup, WA USA
>
> -----Original Message-----
> From: ic0mr75 <219@b...> [mailto:219@b...]
> Sent: Saturday, December 14, 2002 11:29 AM
> To: icomr75@yahoogroups.com
> Subject: [icomr75] Re: My R-75 countdown begins ...Antenna choice
must be
> made
>
>
> Hi Carl:
> Congrats on the new purchase. I use a homebrew T2FD antenna that
> cost me less than $30 (US) to make. http://www.hard-core-
> dx.com/nordicdx/antenna/wire/t2design.html Unless you don't mind
> paying $100+ for some wire and insulators, I would never buy an
> antenna. Homebrew antennas work better anyhow. My T2FD covers 4
MHz
> to 30 MHz, but I have had success on 75 and 80 meters with it as
> well. The plans call for a 4:1 balun. I use a 300 to 75 ohm
> transformer designed for TV....I also use 75 ohm cable TV feed
line
> (RG6). So spend a rewarding afternoon building your own antenna,
and
> pocket the $110 for something more reasonable like a hand-held

> remote controlled TV.
>
> Good luck,
>
> Jim
>
> --- In icomr75@yahoogroups.com, "dukeofbecker <perezcj@c...>"
> <perezcj@c...> wrote:
> > My R-75 will soon be ordered. (must wait...I won't use credit
> cards!)
> > Now I must choose and set up an antenna to prepare the way! I am
> > considering the Alpha Delta DX Ultra. It receives a rave review
in
> > Passport, but it is a bear to set up.
> > Also, I'm wondering if this level of antenna is overkill for
this
> > receiver...but it seems for a modest cost (~$110 US from
> Universal)
> > we might as well get the best. Any advice out there?
> >
> > P.S.
> > Anybody from upstate NY out there?
> >
> > Carl
>
>
>
>
> [Non-text portions of this message have been removed]

3251. Re: [icomr75] Re: Good Price on R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-16 18:30:59 UTC
From: Albert Menzl
Topic: 3231 Message: 3251

Bill,

If you're going the indoor route, check out the threads by Gorden and Russ regarding the Torus Tuner. I have the 16" and am happy with it as an indoor alternative.

Al Menzl
Seattle, USA
----- Original Message -----
From: Bill Brady
To: icomr75@yahoogroups.com
Sent: Sunday, December 15, 2002 2:26 AM
Subject: Re: [icomr75] Re: Good Price on R75

labdog98f <scannerfreq@...> Wrote:

1. This radio will need an indoor antenna. What does the group
suggest (random wire around ceiling, dipole around ceiling and fed
with ladder line, etc.)?

I have such a wire and my R-75 prefers it to my outside DX/SWL sloper. Go
figure. I connect only one leg to the red binder on the R-75. The set gets
its ground from the Sloper Co-Ax.

--Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Its in the darkest
hour that the most stars come out.

[Non-text portions of this message have been removed]

To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

3252. Kiwa status

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-16 21:37:26 UTC
From: Jim <dejimk0jad@yahoo.com>
Topic: 3252 Message: 3252

The following email gives latest status:

When can I send you my R-75 for the audio enhancement mod?
73,K0JAD Jim

Hi Jim,

Thank you for your interest in Kiwa Electronics. We would be happy to upgrade your R75. We will be a a position to perform upgrades in January. Please email us in the first week of January and we will give you shipping details and costs. At present we are still setting up shop.

Regards,

Craig Siegenthaler
Kiwa Electronics

3253. Re: [icomr75] Re: Newbie question part II

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-16 23:21:20 UTC
From: Moxie3
Topic: 3245 Message: 3253

Scott,
Seems like you're going down a similar path I took a few months ago. I'm using the B&W dipole you mentioned. Originally, I was using a long wire antenna, about 70 feet
or so and attempted to achieve better reception by getting the dipole. So I bought the aforementioned B&W antenna. However, I couldn't tell much, if any, difference between the 2 antennas at any frequency. Keep in mind that I only listen to SW broadcast; maybe in the future I'll expand my horizons. Someone mentioned on this site that a dipole should be quieter than the long wire but I couldn't tell there was much of a difference. I still have the wire but only use the dipole. I understand the Wellbrook is a fine antenna; they have one for inside and outside use. I'm thinking of buying one myself, an outside unit that is.

As far as grounding, this is an area with a lot of opinions. You may want to check previous posts on this subject. But I have
been told and read that grounding is veeeerrrry important for several reasons. There are several options to you but this is what I did: I bought an 8 foot ground rod from Home Depot and placed it as close as possible to where the radio will be. I purchased solid copper wire, I think 4 gauge, and ran it from the rod to an area in my 2nd floor attic (my radio is located on the 2nd floor). I purchased a wire block from Home Depot for about $3 or so - this is essentially a connector for several wires. This block is where my 4 gauge wire terminated, and where my ground wire to the radio started. This is how I grounded my radio. I believe I used 12 gauge wire from the block to my radio (I may have had to thin the wire to make it connect to the ground connector). Since I have a dipole, I purchased a coaxial lightning arrestor from Industrial Communication Engineers, Ltd. (1-800-423-2666) - I bought Model 300/U for frequency range .1 - 50 Mhz. for $38 plus actual shipping. I attached my coax from the B&W to the 300/U, then coax from the 300/U to the radio, and a ground wire from the 300/U to the ground block. I hope this helps some.
George

----- Original Message -----
From: <mensch90249@...>
To: <icomr75@yahoogroups.com>
Sent: Monday, December 16, 2002 12:04 AM
Subject: [icomr75] Re: Newbie question part II

> Scott,
> Before spending the $$ for the B&W antenna go ahead and try out the 32
> foot dipole you mentioned in your previous post. You should also try
> running a wire from the 'red' terminal up your wall and then run it
> along the wall ceiling junction. Not being familiar with the B&W I
> can't comment on how well it works - especially outside it's design

> parameters. The traps will assure a truly 'ugly' (at least to
> non-radio folks) installation and you will still have home-generated
> noise to deal with. Were it me, I'd just use a thin diameter wire
> that blends into your wall/celing color and put up as much as possible
> & try to stick to outside walls.
>
> If you're interested in how I've handled indoor antenna's in more
> detail let me know & I can e-mail you some drawings (GIF format) &
> some of the mistakes I learned from.
>
> Good luck,
> Howard
> --- In icomr75@yahoogroups.com, "labdog98f <scannerfreq@w...>"
> <scannerfreq@w...> wrote:
> > After going through some of the prior posts, I have picked up the RS
> > RCA external speaker (40-5000) and I am looking at the
> >
> > B&W ASW-60 Multiband Trap Listening Antenna
> > 11 through 60 meters
> >
> > I see they still show it as a web special for $35 with either 50 or
> > 75ohm coax or twin-lead feed line. Will this cover all of
> > the "action" areas as far as USAF GHFS, Aviation, Marine, Coast
> > Guard, Mil-coms, etc., or will a lot of it be "blocked out" since the
> > antenna is tuned just for 11-60 meters (4750 - 26100 KHz)? Could
> > this antenna be used strung up around the ceiling where the wall
> > meets?
> >
> > Sorry for all of the questions, I just want to make this as good of a
> > listening "post" as I can based on what I have to work with.
> >
> > Thank you all again.
> >
> > Scott
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

3254. R75 filter ???'s

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-17 00:05:06 UTC
From: k8dxn <k8dxn@charter.net>
Topic: 3254 Message: 3254

While awaiting my R75 to arrive, tomorrow I hope, I have been reading about the radio and I have some ???'s. What is the stock bandwith of the filters for ssb and is this a crystal filter like the stock ones in my ham rigs? Universal says it is 2.1 in their sales description but I see some references to 2.4 on some posts. I haven't found it in Icoms literature. Also I have a chance to purchase some Inrad 1.8 filters for both IF's. I know the 9mhz is a plug in that will fit but the 455 is larger than Icoms and requires some extra room. Is there room in there for this filter? I would really like to know from someone who has instaled this or knows someone who has and what they had to do to make it fit. In the manual I downloaded it looks like the filter is held in place with a clip assembly. My main interest will be utility and ham band stuff and maybe some night time BCB listening. This makes me think about bringing out my old 5 tube plastic radio I used for years . Anyway thanks for any and all help. 73, Rick.

3255. R75 filter ???'s

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-17 00:06:03 UTC
From: k8dxn <k8dxn@charter.net>
Topic: 3254 Message: 3255

While awaiting my R75 to arrive, tomorrow I hope, I have been reading about the radio and I have some ???'s. What is the stock bandwith of the filters for ssb and is this a crystal filter like the stock ones in my ham rigs? Universal says it is 2.1 in their sales description but I see some references to 2.4 on some posts. I haven't found it in Icoms literature. Also I have a chance to purchase some Inrad 1.8 filters for both IF's. I know the 9mhz is a plug in that will fit but the 455 is larger than Icoms and requires some extra room. Is there room in there for this filter? I would really like to know from someone who has instaled this or knows someone who has and what they had to do to make it fit. In the manual I downloaded it looks like the filter is held in place with a clip assembly. My main interest will be utility and ham band stuff and maybe some night time BCB listening. This makes me think about bringing out my old 5 tube plastic radio I used for years . Anyway thanks for any and all help. 73, Rick.

3256. Re: [icomr75] R75 filter ???'s

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-17 00:20:17 UTC
From: Bruce Jensen
Topic: 3254 Message: 3256

Hi - your radio will be an absolute winner straight out of the box for utility and ham bands. BCB stuff is helped considerably by modifications, discussed at length on this group.

The filter is a 2.4, pretty good for SSB, narrow for AM, a little wide for code and RTTY.

Bruce Jensen
****
--- "k8dxn <k8dxn@...>" <k8dxn@...> wrote:
> While awaiting my R75 to arrive, tomorrow I hope, I have been
> reading about the radio and I have some ???'s. What is the stock
> bandwith of the filters for ssb and is this a crystal filter like
> the stock ones in my ham rigs? Universal says it is 2.1 in their
> sales description but I see some references to 2.4 on some posts. I
> haven't found it in Icoms literature. Also I have a chance to
> purchase some Inrad 1.8 filters for both IF's. I know the 9mhz is a
> plug in that will fit but the 455 is larger than Icoms and requires
> some extra room. Is there room in there for this filter? I would
> really like to know from someone who has instaled this or knows
> someone who has and what they had to do to make it fit. In the
> manual I downloaded it looks like the filter is held in place with a
> clip assembly. My main interest will be utility and ham band stuff
> and maybe some night time BCB listening. This makes me think about
> bringing out my old 5 tube plastic radio I used for years . Anyway
> thanks for any and all help. 73, Rick.
>
>

=====
Cheers,
Bruce Jensen
~~~~~~~~~~~~
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio

____
Do you Yahoo!?
Yahoo! Mail Plus - Powerful. Affordable. Sign up now.
http://mailplus.yahoo.com
~~~~~~~~~~~~

3257. Re: [icomr75] Newbie Questions - was Re: Good Price on R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-17 01:42:03 UTC
From: Rik van Riel
Topic: 3244 Message: 3257

On Mon, 16 Dec 2002, labdog98f wrote: > Since I do not have an outdoor antenna, should I just connect a > single random wire to the red binding post or do I need a ground? This should work, though the lack of a ground might mean more noise on HF. OTOH, a bad ground might be worse than no ground. > I had thought about a kind of "homemade" dipole connected to the R75 > using balanced ladder line or 300 ohm twin lead. The actual wire > lengths would be the same (about 16' each around the ceiling where it > meets the wall). Would this work? Should work pretty well, at least on the higher frequencies. Rik -- Bravely reimplemented by the knights who say "NIH". http://www.surriel.com/ http://guru.conectiva.com/ Current spamtrap: october@...

3258. RE: [icomr75] Re: My R-75 countdown begins ...Antenna choice must be made

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-17 01:40:57 UTC
From: Guy Atkins
Topic: 3226 Message: 3258

Hi Carl,

Although there's still broadcast stations to be found on 120 meters and the tropicals in general, the situation is certainly in decline. However, if you were to combine your tropical band interests with utilities on the same bands, then you'd have many more targets! It really depends on what turns your crank, as they say.

The 120m stations I have heard over the last few years include:

2310 VL8A Alice Springs, Aust. (a regular here)
2325 VL8T Tennant Creek, Aust. (also regular)
2485 VL8K Katherine, Aust. (ditto)

2410 R. Enga, Papua New Guinea (fairly common here when it's on the air, but considered the toughest PNG except for the occasional clandestine like Radio Free Bougainville... one of my better catches)

2340 Fujian PBS, China (pretty common)

The Aussies are the strongest signals, with Fujian not far behind. It helps to have a RF-quiet environment when tuning 120 meters because none of these signals are powerhouses.

The 90 and 60 meterbands have the most activity, although not like in the 1970s and 1980s.

A T2FD for 120meters and above would certainly be unwieldy, and in my opinion there are better choices. And you're right about the 30-degree angle; it's supposed to be the key to omni-directional reception and helps maintain the even impedance across the bands (if I recall correctly). The weight of the components of a 120m T2FD would be pretty heavy, and subject to a lot of sag (droop) in the antenna unless you pulled it REALLY tight. The antenna parts would have to be very sturdy to endure under this tension, not to mention resist the effects of storms and wind.

I suggest you read up via internet searches on the following antennas: EWE, KAZ & "SuperKAZ", and the K9AY. The first two are pretty simple to erect. All of them need a good low-noise preamp to receive well (the KIWA units, Advanced Receiver Research, or from Wellbrook). I like the ARR preamps because they are good *and* fairly inexpensive. Any of these antennas can do very well on the tropical bands.

I'd recommend checking Mark Connelly's site for articles such as John Bryant's piece on the KAZ and "SuperKAZ". John and I are good friends who DXpedition together every year, and I respect John's careful antenna testing

and subsequent articles on his findings. Here's a link to a lot of good reading on Mark's site: http://www.qsl.net/wa1ion/

Michael Schnitzer has written a fine piece about his experiences with the EWE antenna: http://www.dxing.info/equipment/ewe.dx This is a remarkably simple, but directional antenna. Those who have built them seem to really like their performance *if* they have relatively good ground (soil) conditions.

Lastly, you might try some "mini-Beverages" like I did at my last home. If you can run out 200 feet or more wire, 6 to 8 feet above ground, and terminated & matched as a typical beverage antenna, you might be surprised! My mini-beverage was very directional toward Papua New Guinea and Indonesia; it often beat the Carolina Beam for DX from that part of the globe.

Enjoy those 2 acres! :^)

Guy Atkins
dx@...
Puyallup, WA USA

-----Original Message-----
From: dukeofbecker <perezcj@...>
[mailto:perezcj@...]
Sent: Monday, December 16, 2002 10:14 AM
To: icomr75@yahoogroups.com
Subject: [icomr75] Re: My R-75 countdown begins ...Antenna choice must be made

Nice posts!! Much appreciated.

Guy & Jim,
Your technical saavy and experience far surpass any knowledge my heretofore casual SWL status belies! As a result of your posts I've been sniffing around http://www.hard-core-dx.com regarding T2FD design and http://www.radioworks.com for the Carolina Windom. Also, the http://www.wellbrook.uk.com/ has promising but expensive options.

I suppose I would initially be happy with any of the above.

Question: Being of Carribean heritage, I have always been intrigued with the possibility of Tropical Band (90-120m) reception. Up to now, I have only used small portables (no ext. antenna) and have in general, not been able to receive much in these SW bands. I am blessed with 2 acres of land and am able to put up antennas of length 200 feet (or even longer!). A T2FD design of 100 feet is said to cover 90 meter band well. How about the 120 m band? Some formulas suggest that a lowest frequency of 2250 kHz requires antennas of approx. 200 feet.

Is the significant extra effort (a 200 feet T2FD design) worth the result in this lowest freq SW band? Is there much transmission going on down there?

Another question: The hard-core-dx website seems to imply the T2FD is installed in sloper fashion, with one end elevated and other spiked to the ground. Right angle trigonometry tells us to insure an angle of elevation of 30 degrees on a 100 foot long antenna means the elevated end must be half the length or 50 ft high. Yikes!...Is the sloper type install preferred? Does it really have to be as tall as half the length?

Any advice out there?

Thanks again...You've are a great and energetic group!
Carl

[Non-text portions of this message have been removed]

3259. Re: Info request

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-17 04:12:03 UTC
From: just_rtfm <just_rtfm@yahoo.com>
Topic: 3249 Message: 3259

hello Michelangelo:

random thoughts...

loop antennas can sometimes help with local noise. MW and LW require different antennas... "normal" shortwave antennas will work poorly. outdoors you can use beverages (very long) or a K9AY loop (40 foot square needed). indoor amplified loops do very well, ex. the Quantum QX Loop. you could also build a box loop.

ICOM's speaker is very covered with protective plastic (muffled). i recommend trying inexpensive amplified computer speakers with volume and tone controls hooked to the R75's 'REC OUT'.

Gert told me a trick for the NB: on AM turn the AGC OFF and correct the RF gain until the NB works. the AM AGC is strong and sometimes reduces signal to the point where the NB gate does not work.

if you like utilities the stock R75 is very good. i recommend the AM AGC, Sync-AM, and possibly my fidelity mod. there are some drawbacks regarding my mod: [1] there will be more high-frequency noise on SSB. often twisting the PBTs in opposite directions (narrowing) helps. [2] in crowded shortwave bands you may be able to hear a 5 kHz heterodyne (the carrier of the next station over). the inner PBT is effective as well as the ANF (last resort). a better solution are speakers with a tone control as mentioned above.

i recommend your friend look at my soldering PDF. leave the leads long for my fidelity mod and try the 90k-ohm resistors first [aka intermediate fidelity enhancement] or go for the 47k-ohm and speaker with tone control. after the mod the sound will not be flat!

Merry Christmas!

regards,
phil :)

3260. Re: [icomr75] R75 filter ???'s

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-17 04:19:05 UTC
From: Gert Nilsson
Topic: 3254 Message: 3260

The 9 MHz filter for normal SSB is 2,4 kHz crystal filter. This filter is in series with a Murata ceramic filter CFJ455K13 in the 455 kHz IF with a bandwidth of something like 2,5-2,7 kHz. Together about 2,25 kHz in my R75.
----- Original Message -----
From: Bruce Jensen
To: icomr75@yahoogroups.com
Sent: Tuesday, December 17, 2002 12:20 AM
Subject: Re: [icomr75] R75 filter ???'s

Hi - your radio will be an absolute winner straight out of the box for utility and ham bands. BCB stuff is helped considerably by modifications, discussed at length on this group.

The filter is a 2.4, pretty good for SSB, narrow for AM, a little wide for code and RTTY.

Bruce Jensen
****
--- "k8dxn <k8dxn@...>" <k8dxn@...> wrote:
> While awaiting my R75 to arrive, tomorrow I hope, I have been
> reading about the radio and I have some ???'s. What is the stock
> bandwith of the filters for ssb and is this a crystal filter like
> the stock ones in my ham rigs? Universal says it is 2.1 in their
> sales description but I see some references to 2.4 on some posts. I
> haven't found it in Icoms literature. Also I have a chance to
> purchase some Inrad 1.8 filters for both IF's. I know the 9mhz is a
> plug in that will fit but the 455 is larger than Icoms and requires
> some extra room. Is there room in there for this filter? I would
> really like to know from someone who has instaled this or knows
> someone who has and what they had to do to make it fit. In the
> manual I downloaded it looks like the filter is held in place with a
> clip assembly. My main interest will be utility and ham band stuff
> and maybe some night time BCB listening. This makes me think about
> bringing out my old 5 tube plastic radio I used for years . Anyway
> thanks for any and all help. 73, Rick.
>
>

=====
Cheers,
Bruce Jensen
~~~~~~~~~~~~
The Astronomy Connection http://observers.org/
Internat'l DarkSky Ass'n http://www.darksky.org/~ida/
ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio
~~~~~~~~~~~~

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To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

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[Non-text portions of this message have been removed]

3261. Re: [icomr75] Re: Torus Tuner

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-17 05:59:22 UTC
From: Albert Menzl
Topic: 3216 Message: 3261

Gary,

Check this out first :
http://www.torustuner.com/

or call Ed Wawzinski at Edek Electronics for more information.
301 334 5228

Al Menzl
Seattle, USA
----- Original Message -----
From: Gary Kinsman <gkinsman@...>
To: icomr75@yahoogroups.com
Sent: Sunday, December 15, 2002 2:00 PM
Subject: [icomr75] Re: Torus Tuner

Russ and others,

Where is a good place to get a small pickup loop? I have one on my
Onkyo stereo receiver; it's self-standing, about 5" across by 5" tall
by 1/2" thick (not counting the base).

I believe it's a Sagami 4910 standard loop antenna (link below).

http://www.sagami-elec.co.jp/english/product/loop.htm

I use this to inductively couple to a Black Box Antenna, which is a
7" by 10" tunable, rectangular loop. It's sort of a small,
rectangular version of the Select-A-Tenna. This combination works
well.

If anyone knows where to get a small, self-standing pickup loop like
the Sagami 4910, please let me know. I didn't see anything like this
in the Radio Shack catalog.

Thanks,
Gary

--- In icomr75@yahoogroups.com, "Russ Kiehne" <wb6niu@1...> wrote:
> I bought the 27 Torus tuner about six months ago! It works very
well with
> my DX-398, Sangean 818cs and Grundig Satellit 800. I have a small
pickup
> loop I hook to the Sat800 500 ohm conector to inductive couple the
27 Torus
> loop too. I'll try the same with the r75 when I get it.
>
> Russ

To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

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[Non-text portions of this message have been removed]

3262. A strange experiment

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-17 11:18:13 UTC
From: wywh273 <michelangelo.conoscenti@unito.i
Topic: 3262 Message: 3262

A pure accident discovery. I noticed that if choosing the SSB Wide filter selection (15 and 6 filters) and then commuting to LSB you can hear USB pretty well and with some interference reduced. Did someone else noticed / experienced that?

73 de Michelangelo

3263. Re: info request

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-17 12:09:30 UTC
From: Michelangelo Conoscenti
Topic: 3263 Message: 3263

Dear Phil,

thanks for your message and useful info, as usual.

Michelangelo

3264. Reception

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-17 16:11:30 UTC
From: Moxie3
Topic: 3264 Message: 3264

Someone posted a message last week about an interesting station on 6215 at time 1:00 Zulu. Has anyone tried receiving this station? I've tried both Sunday and Monday to no avail and I'm beginning to wonder whether I'm simply getting poor reception from my antenna.
George

[Non-text portions of this message have been removed]

3265. Re: Reception

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-17 22:00:35 UTC
From: Jim <dejimk0jad@yahoo.com>
Topic: 3264 Message: 3265

--- In icomr75@yahoogroups.com, "Moxie3" <moxie3@e...> wrote:
> Someone posted a message last week about an interesting station on 6215 at time 1:00 Zulu. Has anyone tried receiving this station? I've tried both Sunday and Monday to no avail and I'm beginning to wonder whether I'm simply getting poor reception from my antenna.
> George
>
> [Non-text portions of this message have been removed]

I believe you are referring to my post reference the "blue water cruiser net". It is a net where many boats down in Baja waters and also as far south as south America. I don't have any idea where you are but that net is usually loud here in Lake Havasu Arizona. I am not sure what nights it's on but I have heard it several times. I neglected to make note of the night(s) I listened however. I doubt that it is on sundays. Good luck, Jim K0JAD

3266. Re: My R-75 countdown begins ...Antenna choice must be made

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-17 22:29:12 UTC
From: LarryR <nospam4russell@comcast.net>
Topic: 3226 Message: 3266

Consider the alpha-delta sloper. With that much space you could go with the long one which is supposed to be good down to 160m. It only needs to be 25 feet high at the end that is fed and 10 feet high at the other. It has a low angle of reception. Universal radio has it.

--- In icomr75@yahoogroups.com, "dukeofbecker <perezcj@c...>" <perezcj@c...> wrote:
> Nice posts!! Much appreciated.
>
> Guy & Jim,
> Your technical saavy and experience far surpass any knowledge my
> heretofore casual SWL status belies! As a result of your posts I've
> been sniffing around http://www.hard-core-dx.com regarding T2FD
> design and http://www.radioworks.com for the Carolina Windom. Also,
> the http://www.wellbrook.uk.com/ has promising but expensive options.
>
> I suppose I would initially be happy with any of the above.
>
> Question: Being of Carribean heritage, I have always been intrigued
> with the possibility of Tropical Band (90-120m) reception. Up to now,
> I have only used small portables (no ext. antenna) and have in
> general, not been able to receive much in these SW bands. I am
> blessed with 2 acres of land and am able to put up antennas of length
> 200 feet (or even longer!). A T2FD design of 100 feet is said to
> cover 90 meter band well. How about the 120 m band? Some formulas
> suggest that a lowest frequency of 2250 kHz requires antennas of
> approx. 200 feet.
>
> Is the significant extra effort (a 200 feet T2FD design) worth the
> result in this lowest freq SW band? Is there much transmission going
> on down there?
>
> Another question: The hard-core-dx website seems to imply the T2FD is
> installed in sloper fashion, with one end elevated and other spiked
> to the ground. Right angle trigonometry tells us to insure an angle
> of elevation of 30 degrees on a 100 foot long antenna means the
> elevated end must be half the length or 50 ft high. Yikes!...Is the
> sloper type install preferred? Does it really have to be as tall as
> half the length?

>
> Any advice out there?
>
> Thanks again...You've are a great and energetic group!
> Carl
>
>
> and icomr75@yahoogroups.com, "Guy Atkins" <dx@g...> wrote:
> > Jim's your reference URL to the T2FD is a page of my article I
> authored for
> > the Proceedings books in the early 1990s, and reprinted by Hard-
> Core-DX,
> > NRC, and ODXA with my permission. Anyone going to this URL will
> want to read
> > the rest of the text, too, on other pages at Hard-Core-DX.
> >
> > Over the years I've built & used a number of T2FDs for tropical
> band DXing.
> > Most of them were constructed for 90 meters and up. It's a great
> antenna
> > design; not particularly efficient for transmitting but it gives
a
> uniform
> > impedance across a wide frequency range, and is a quiet receive
> antenna.
> >
> > However, I find the statement "homebrew antennas work better
> anyhow" as
> > whitewashing commercial antennas with a broad brush. The Carolina
> Beam
> > antenna (The Radio Works Co.) I used for years surpassed my T2FDs
> for
> > long-haul, low-angle DX signals such as India, and Africans on
> morning long
> > path. It was designed and marketed toward amateurs for use on 80m
> and up,
> > but it works great for SWBC reception. The Carolina Beam is more
> susceptible
> > to noise but provided a better signal-to-noise ratio on those
> really distant
> > stations in the tropicals. The T2FDs were normally better for
> general SWLing
> > on the higher bands (RNZI on 17675 was an exception-- the
Carolina
> Beam was
> > phenomenal on this station). Radio Works may not sell this
> particular design
> > any longer; they used to have two versions available. I know they
> still sell
> > their "Carolina Windom" of which the Carolina Beam was a

variation.
> Tony
> > Ward, VE3NO, is another DXer I know who speaks highly of the
> Carolina Beam.
> > Tony's an accomplished MW DXer who also uses the K9AY, a Radio
> Works'
> > "SuperLoop", and multiple beverage antennas.
> >
> > In general, I found my Wellbrook Communication's K9AY to surpass
> the T2FD.
> > This has been my antenna of choice for a few years now. To me, it
> was worth
> > it to spend the money for something I knew was going to work
> excellently
> > out-of-the-box. Although I've frequently homebrewed I didn't have
> time to
> > construct the electronics for this more complicated antenna.
> Wellbrook's
> > built-in preamplifier, head unit and control box are first-rate.
> It's a
> > versatile, compact and low-noise design.
> >
> > I usually stick with beverage antennas on DXpeditions. Only
rarely
> did the
> > K9AY beat the beverages on trans-Pacific MW DX... it's very
> > ground-dependent. If the soil at the WA coast is saturated from
> days of
> > winter storms, the K9AY can perform neck-and-neck with the
> beverages.
> > However, in drier soil conditions the beverages are clearly
> superior.
> > Sometimes we use dual-wire beverages which theoretically give
> better gain. I
> > don't recall the transformer or impedance details (the parts are
> owned by a
> > fellow DXer) but it's different than the usual 9:1 beverage, EWE,
> and
> > flag/pennant transformer.
> >
> > Bottom line: don't write off commercial antennas; you'll miss
some
> good
> > choices.
> >
> > Guy Atkins
> > Puyallup, WA USA
> >
> > -----Original Message-----
> > From: ic0mr75 <219@b...> [mailto:219@b...]

> > Sent: Saturday, December 14, 2002 11:29 AM
> > To: icomr75@yahoogroups.com
> > Subject: [icomr75] Re: My R-75 countdown begins ...Antenna
choice
> must be
> > made
> >
> >
> > Hi Carl:
> > Congrats on the new purchase. I use a homebrew T2FD antenna that
> > cost me less than $30 (US) to make. http://www.hard-core-
> > dx.com/nordicdx/antenna/wire/t2design.html Unless you don't
mind
> > paying $100+ for some wire and insulators, I would never buy an
> > antenna. Homebrew antennas work better anyhow. My T2FD covers 4
> MHz
> > to 30 MHz, but I have had success on 75 and 80 meters with it as
> > well. The plans call for a 4:1 balun. I use a 300 to 75 ohm
> > transformer designed for TV....I also use 75 ohm cable TV feed
> line
> > (RG6). So spend a rewarding afternoon building your own
antenna,
> and
> > pocket the $110 for something more reasonable like a hand-held
> > remote controlled TV.
> >
> > Good luck,
> >
> > Jim
> >
> > --- In icomr75@yahoogroups.com, "dukeofbecker <perezcj@c...>"
> > <perezcj@c...> wrote:
> > > My R-75 will soon be ordered. (must wait...I won't use credit
> > cards!)
> > > Now I must choose and set up an antenna to prepare the way! I
am
> > > considering the Alpha Delta DX Ultra. It receives a rave
review
> in
> > > Passport, but it is a bear to set up.
> > > Also, I'm wondering if this level of antenna is overkill for
> this
> > > receiver...but it seems for a modest cost (~$110 US from
> > Universal)
> > > we might as well get the best. Any advice out there?
> > >
> > > P.S.
> > > Anybody from upstate NY out there?
> > >
> > > Carl

> >
> >
> >
> >
> > [Non-text portions of this message have been removed]

3267. Re: My R-75 countdown begins ...Antenna choice must be made

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-17 22:54:08 UTC
From: ic0mr75 <219@bigfoot.com>
Topic: 3226 Message: 3267

Carl:
It's great to have people like Guy Atkins around to share
information with us. If it weren't for the pioneers, I'd be lucky to
log stations further than 100 miles away. To answer your question,
one has to consider factors that are out of our control: location,
yard space, noise sources, and how much are we willing to spend. By
the way, another nice featuure of homebrewing your antenna, is that
you can experiment with different types of antennas without having
to pick up a second job. For the tropical band, I would consider the
K9AY or a beverage antenna.
Jim
--- In icomr75@yahoogroups.com, "dukeofbecker <perezcj@c...>"
<perezcj@c...> wrote:
> Nice posts!! Much appreciated.
>
> Guy & Jim,
> Your technical saavy and experience far surpass any knowledge my
> heretofore casual SWL status belies! As a result of your posts
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> been sniffing around http://www.hard-core-dx.com regarding T2FD
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> the http://www.wellbrook.uk.com/ has promising but expensive
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> and icomr75@yahoogroups.com, "Guy Atkins" <dx@g...> wrote:
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> > flag/pennant transformer.
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> > Guy Atkins
> > Puyallup, WA USA
> >
> > -----Original Message-----
> > From: ic0mr75 <219@b...> [mailto:219@b...]
> > Sent: Saturday, December 14, 2002 11:29 AM
> > To: icomr75@yahoogroups.com
> > Subject: [icomr75] Re: My R-75 countdown begins ...Antenna
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> > (RG6). So spend a rewarding afternoon building your own
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> > Good luck,
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> > Jim
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> > > Anybody from upstate NY out there?
> > >
> > > Carl
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]

3270. Re: Reception

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-18 02:01:58 UTC
From: Jim <dejimk0jad@yahoo.com>
Topic: 3264 Message: 3270

--- In icomr75@yahoogroups.com, "Moxie3" <moxie3@e...> wrote:
> Someone posted a message last week about an interesting station on
6215 at time 1:00 Zulu. Has anyone tried receiving this station?
I've tried both Sunday and Monday to no avail and I'm beginning to
wonder whether I'm simply getting poor reception from my antenna.
> George
>
> [Non-text portions of this message have been removed]

George

Listened to the net again tonight (in fact as I write this they
are making last call for any vessels wishing to checkin.) Net control
is "Wonderlust 5" VG2275. Good hunting...Jim K0JAD

3271. EBAY----No Way!!!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-18 03:13:28 UTC
From: k8dxn <k8dxn@charter.net>
Topic: 3271 Message: 3271

I checked out the price on that "special" bargin on ebay. Wow!! I wonder if labdog98f got his R75 for the same price I did. If you read this please let me know if they took the extra $60 off on yours like they did for me. I think that they would as they are really good people to deal with. $449 and some change including the shipping and the free DSP. I just got it in this evening and have it running in the shack now. I will put the DSP in tomorrow.

3272. Re: My R-75 countdown begins ...Antenna choice must be made

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-18 17:59:55 UTC
From: dukeofbecker <perezcj@cobleskill.edu>
Topic: 3226 Message: 3272

Thanks again, Guy and Jim

The EWE, SuperKAZ, and K9AY options all look great. I suppose I'm leaning toward the K9AY for tropical band/MW coverage and perhaps a homebrew T2FD for more general HF coverage. (Though I hate to pay ~$40 US for that overseas shipping!)

The Wellbrook site advertises the K9AY as designed for LW and MW reception. I wonder, how does it fare on the higher end of the freq spectrum? Is it silly to have both the K9AY and a T2FD?

Carl

--- In icomr75@yahoogroups.com, "Guy Atkins" <dx@g...> wrote:
> Hi Carl,
>
> Although there's still broadcast stations to be found on 120 meters and the
> tropicals in general, the situation is certainly in decline. However, if you
> were to combine your tropical band interests with utilities on the same
> bands, then you'd have many more targets! It really depends on what turns
> your crank, as they say.
>
> The 120m stations I have heard over the last few years include:
>
> 2310 VL8A Alice Springs, Aust. (a regular here)
> 2325 VL8T Tennant Creek, Aust. (also regular)
> 2485 VL8K Katherine, Aust. (ditto)
>
> 2410 R. Enga, Papua New Guinea (fairly common here when it's on the air, but
> considered the toughest PNG except for the occasional clandestine like Radio
> Free Bougainville... one of my better catches)
>
> 2340 Fujian PBS, China (pretty common)
>
> The Aussies are the strongest signals, with Fujian not far behind. It helps
> to have a RF-quiet environment when tuning 120 meters because none of these
> signals are powerhouses.
>

> The 90 and 60 meterbands have the most activity, although not like
in the
> 1970s and 1980s.
>
> A T2FD for 120meters and above would certainly be unwieldy, and in
my
> opinion there are better choices. And you're right about the 30-
degree
> angle; it's supposed to be the key to omni-directional reception
and helps
> maintain the even impedance across the bands (if I recall
correctly). The
> weight of the components of a 120m T2FD would be pretty heavy, and
subject
> to a lot of sag (droop) in the antenna unless you pulled it REALLY
tight.
> The antenna parts would have to be very sturdy to endure under this
tension,
> not to mention resist the effects of storms and wind.
>
> I suggest you read up via internet searches on the following
antennas: EWE,
> KAZ & "SuperKAZ", and the K9AY. The first two are pretty simple to
erect.
> All of them need a good low-noise preamp to receive well (the KIWA
units,
> Advanced Receiver Research, or from Wellbrook). I like the ARR
preamps
> because they are good *and* fairly inexpensive. Any of these
antennas can
> do very well on the tropical bands.
>
> I'd recommend checking Mark Connelly's site for articles such as
John
> Bryant's piece on the KAZ and "SuperKAZ". John and I are good
friends who
> DXpedition together every year, and I respect John's careful
antenna testing
> and subsequent articles on his findings. Here's a link to a lot of
good
> reading on Mark's site: http://www.qsl.net/wa1ion/
>
> Michael Schnitzer has written a fine piece about his experiences
with the
> EWE antenna: http://www.dxing.info/equipment/ewe.dx This is a
remarkably
> simple, but directional antenna. Those who have built them seem to
really
> like their performance *if* they have relatively good ground (soil)
> conditions.

>
> Lastly, you might try some "mini-Beverages" like I did at my last
home. If
> you can run out 200 feet or more wire, 6 to 8 feet above ground, and
> terminated & matched as a typical beverage antenna, you might be
surprised!
> My mini-beverage was very directional toward Papua New Guinea and
Indonesia;
> it often beat the Carolina Beam for DX from that part of the globe.
>
> Enjoy those 2 acres! :^)
>
>
> Guy Atkins
> dx@g...
> Puyallup, WA USA
>
>
>
> -----Original Message-----
> From: dukeofbecker <perezcj@c...>
> [mailto:perezcj@c...]
> Sent: Monday, December 16, 2002 10:14 AM
> To: icomr75@yahoogroups.com
> Subject: [icomr75] Re: My R-75 countdown begins ...Antenna choice
must be
> made
>
>
> Nice posts!! Much appreciated.
>
> Guy & Jim,
> Your technical saavy and experience far surpass any knowledge my
> heretofore casual SWL status belies! As a result of your posts
I've
> been sniffing around http://www.hard-core-dx.com regarding T2FD
> design and http://www.radioworks.com for the Carolina Windom.
Also,
> the http://www.wellbrook.uk.com/ has promising but expensive
options.
>
> I suppose I would initially be happy with any of the above.
>
> Question: Being of Carribean heritage, I have always been
intrigued
> with the possibility of Tropical Band (90-120m) reception. Up to
now,
> I have only used small portables (no ext. antenna) and have in
> general, not been able to receive much in these SW bands. I am
> blessed with 2 acres of land and am able to put up antennas of

length
> 200 feet (or even longer!). A T2FD design of 100 feet is said to
> cover 90 meter band well. How about the 120 m band? Some formulas
> suggest that a lowest frequency of 2250 kHz requires antennas of
> approx. 200 feet.
>
> Is the significant extra effort (a 200 feet T2FD design) worth the
> result in this lowest freq SW band? Is there much transmission
going
> on down there?
>
> Another question: The hard-core-dx website seems to imply the
T2FD is
> installed in sloper fashion, with one end elevated and other
spiked
> to the ground. Right angle trigonometry tells us to insure an
angle
> of elevation of 30 degrees on a 100 foot long antenna means the
> elevated end must be half the length or 50 ft high. Yikes!...Is
the
> sloper type install preferred? Does it really have to be as tall
as
> half the length?
>
> Any advice out there?
>
> Thanks again...You've are a great and energetic group!
> Carl
>
>
>
>
> [Non-text portions of this message have been removed]

3273. Kiwa "MAP" on Ebay

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-18 19:52:10 UTC
From: thinkdx <dx@guyatkins.com>
Topic: 3273 Message: 3273

The good news is that there is a rare Kiwa MAP accessory listed on Ebay. The bad news is that (right now, anyway) it's bundled with an ICOM R71a.

I've contacted the seller and encouraged him (or her) to list additional details of this unique receiver accessory, and I shared the high points which are not given in the auction. Also, he or she will hopefully follow my advice and split the auction into separate auctions. It was my contention that those enthuasiasts who are familiar with the rare MAP device won't probably be in the market for an R71a at the same time.

I've owned two MAPs, and my current one recently came out of its original carton for the first time. I haven't hooked it to the R75 yet, but the combo should perform better in selectivity and audio quality just as with any other 455 IF receiver... not to mention the additional choice of synchronous-AM the MAP provides.

In short, the MAP was a competitor to the Sherwood SE3, but offered more features, was better built, and looked better too (I'm biased, though, as I was the designer of the MAP front panel for Kiwa.) Unfortunately the MAP only sold about 50 units before it was discontinued-- it was way too labor-intensive to build, and not very profitable. This accessory has something like 40 case screws and is built like the proverbial tank.

I particularly like the extra, cascaded-filter selectivity the MAP provides, using a similar approach to Kiwa's Premium Filter Modules.

The Ebay URL is:
http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1946424376

Check back in a day or two, as the seller may be splitting the auction up, and/or adding more details. If you're looking for a special accessory for the R75 and appreciate Kiwa quality, this is one to watch.

By the way, "MAP" stands for Multiband AM Pickup.

Guy Atkins
dx@...
Puyallup, WA USA

3274. RE: [icomr75] Re: My R-75 countdown begins ...Antenna choice must be made

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-19 01:49:42 UTC
From: Guy Atkins
Topic: 3226 Message: 3274

Hi Carl,

Back when I got my K9AY from Wellbrook the exchange rate was much more in our (USA) favor! Don't forget that if you're up to it you can construct your own K9AY... see the files in the K9AY Yahoogroup for reprints of the original article.

I've used my K9AY 95% of the time on shortwave, and found it very good for DXing and general listening. Above 19 meters I would rate it only "average". Performance on the tropical bands is much better, but don't expect more than the occasional signal to show some directionality (nulling) with the K9AY when tuning above 120 meters. The 2-3 MHz range is where the directionality begins to diminish quickly. I noted an odd station or two on 60 meters, at times, would respond to the loop's switching and termination adjustment controls, but it was nothing significant or useful to aid the reception.

The K9AY's main benefit on shortwave, in my opinion, is local noise rejection. The null can be put on a nearby pest (neighbor's PC, TV, vaccuum cleaner, etc.) and the racket is reduced pretty well. (Although not as well as with the MFJ-1025/1026 and JPS ANC-4 units.) The K9AY is also less visually obtrusive than the T2FDs I've had in the past. Since I made occasional forays into mediumwave from home, tuning around for trans-Pacific DX, the usefulness of the antenna on MW was a plus for me.

If you don't need the MW directionality, and your 2-acre site has the needed supports, I'd go with the T2FD and save the costs and complexity of the K9AY. Just be careful if you try a 120 meterband T2FD, as it would be a monster.

Guy Atkins

-----Original Message-----
From: dukeofbecker <perezcj@...> [mailto:perezcj@...]
Sent: Wednesday, December 18, 2002 10:00 AM
To: icomr75@yahoogroups.com
Subject: [icomr75] Re: My R-75 countdown begins ...Antenna choice must be made

Thanks again, Guy and Jim

The EWE, SuperKAZ, and K9AY options all look great. I suppose I'm leaning toward the K9AY for tropical band/MW coverage and perhaps a homebrew T2FD for more general HF coverage. (Though I hate to pay ~$40 US for that overseas shipping!)

The Wellbrook site advertises the K9AY as designed for LW and MW reception. I wonder, how does it fare on the higher end of the freq spectrum? Is it silly to have both the K9AY and a T2FD?

Carl

[Non-text portions of this message have been removed]

3275. Re: My R-75 countdown begins ...Antenna choice must be made

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-19 03:50:21 UTC
From: just_rtfm <just_rtfm@yahoo.com>
Topic: 3226 Message: 3275

hi Guy:

my main usage nowadays for the R75 is medium wave reception. i use an indoor amplified loop. i have a shortwave loop also and agree that the benefit is their directional nature with regard to local noise. i've never used the MFJ or ANC units. a friend of mine built his own K9AY and really likes it for MW. he also uses a phaser.

do you mind sharing with us what receivers you own and have owned? i believe i've read your reviews of the 7030+ and FT-920. i would love to know your opinion of the R75 on medium wave for both the stock unit and after the MW attenuator bypass, AM AGC, Sync-AM, and fidelity mods.

regards,
phil :)

3277. Mac to R75 serial(RS232) cable solution.

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-19 17:10:46 UTC
From: vr500pjh <pjh@lowell.edu>
Topic: 3277 Message: 3277

FYI

I have found a wiring scheme that allows my Macintosh to
talk to the R75 using a serial port (this also works
for USB-Serial Keyspan adapter.)

See http://www.experbyte.com/macr75/mac_to_r75_serial_cable.html
for details.

This might also allow VirtualPC users to run PC control software
for the R75 - I'd appreciate if someone can confirm this.

Regards.

PH

3278. Questions for Phil, Re murata filter

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-20 00:52:07 UTC
From: bobinhoser <bobinhoser@yahoo.com>
Topic: 3278 Message: 3278

hi Phil. first off are the last if filters all 455 kHz? in the manual, depending on mode, the if frequencies are several different oddball frequencies. you said your $19 filter couldnt be used for ssb because of "flutter". could you elaborate please. i was thinking of using it as a ssb wide filter for ECSS. thanks, BOB..

3279. Re: My R-75 countdown begins ...Antenna choice must be made

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-20 20:11:55 UTC
From: thinkdx <dx@guyatkins.com>
Topic: 3226 Message: 3279

Phil,

I cannot comment much on the R75, as I just got it recently and performed the mods ASAP even before using the rig in stock form. As a former lurker in this group I was convinced of the usefulness of the mods before I bought the used R75. After I get the time to pursue & fix the MW bandpass problem on the radio, I'll be able to comment on the radio's abilities on trans-Pacific MW stations; I'll probably be back at the WA coast in a month or two.

However, my initial impression (on a recent DXing trip to the WA coast) is that the synch/AGC and fidelity mods to the R75 made it a close 2nd as a DXing machine to my AR7030. I like the audio better on the AOR, and I know it will have a further edge in fidelity and weak-signal intelligibility after I do the Kiwa audio mod. I have the parts here, but this is another temporarily-shelved project. My 1st AR7030 had the Kiwa audio mods, and sounded noticeably better than stock.

I've enjoyed owning different receivers over the years, but I've only owned 1, 2, or sometimes 3 at a time. I developed a strong preference for rigs with good audio quality, not just for enjoyment of the content but as an aid to IDing weak DX. Signals are already distorted enough from their long ionospheric trip... why should the receiver add to the garble?

Below are the tabletop receivers I've owned in order, with brief comments where appropriate:

Hallicrafters SX-71 (my first receiver in 1970, a Christmas present from my dad, circa 1970)

Realistic DX-150A

Yaesu FRG-7700 (pleasant SWL rig; too bad it's lacking S-AM. Love that amber-color readout!)

ICOM R-70 (excellent for ECSS with the pricey FL-44A filter. Even in stock form this is a great value as a used DXing receiver, ~$300 at Ebay these days)

JRC NRD-525 (highly modded, with help from Craig at KIWA. My most interesting mod was the remote controller I designed & built from a small desktop calculator. It was connected to the rear panel via a cable and allowed easy filter, frequency, and memory channel changes. I wrote this up as a construction article in one of the Fine Tuning's Proceedings books. This radio is quite good for ECSS and SSB tuning.

Forget AM, though!

R390A (E.A.C. build)(All stock, and in beautiful shape. A full set of manuals and Hollowstate Newsletter copies came with it. Port Moresby 4890 kHz never sounded better, until the AR7030 came along!)

Drake R8 (Very capable, and also an excellent DX radio bargain these days. For a while I sold custom-machined, solid aluminum tuning knobs for these to other R8 owners. The knob was black-anodized and looked and felt like the stock one *should* have.)

Lowe HF-225E Europa (A DXing wolf in sheep's clothing, but could have used PBT and a notch filter. Built like a tank, and shades of things to come (the AOR AR7030) from the same designer, John Thorpe.)

Drake R-7 (Best PBT control ever made, IMHO. I really liked the R-7 for "hands-on" feel, when fitted with the replacement knobs from the Drake R-4245 commercial receiver. My favorite rig from the 1979/80 era)

AOR AR7030 (I had one of the first units sold to the US, and wrote an extensive review of it for ODXA, NRC, and IRCA. My favorite all-around DX receiver, despite some operational quirks. My review of this is also online at: http://espresso.ts.uvic.ca/ My first AR7030 was very modded, mostly with Kiwa PFM filter modules. My current AR7030 was acquired in an unusual way-- as an almost-complete set of parts & populated PCB boards through an Ebay auction! The former AOR repair facility in the US was auctioning this nearly complete "kit" of AR7030 items. It worked fine after assembly with some help from Richard and Mark at AOR-UK. My total investment was just $320 for this AR7030, still currently owned.

Tentec RX-320 & ICOM R-75: recently acquired both of these, but haven't had much opportunity to DX with them due to work obligations and a move to another city. The fact that the AR7030 and these two rigs can be controlled by ERGO is a plus for me. I plan to use the RX-320 with a dedicated (old) laptop running Nick Hall-Patch's "DX Radar" MW DX scanning program.

Whew... you asked for it, Phil! Of all the former receivers, the one I *really* wish I still had is the Drake R-7.

Guy Atkins
Puyallup, WA
dx@...

--- In icomr75@yahoogroups.com, "just_rtfm <just_rtfm@y...>" <just_rtfm@y...> wrote:
> hi Guy:
>
> my main usage nowadays for the R75 is medium wave reception. i use an

> indoor amplified loop. i have a shortwave loop also and agree that
> the benefit is their directional nature with regard to local noise.
> i've never used the MFJ or ANC units. a friend of mine built his
own
> K9AY and really likes it for MW. he also uses a phaser.
>
> do you mind sharing with us what receivers you own and have owned?
i
> believe i've read your reviews of the 7030+ and FT-920. i would
love
> to know your opinion of the R75 on medium wave for both the stock
> unit and after the MW attenuator bypass, AM AGC, Sync-AM, and
> fidelity mods.
>
> regards,
> phil :)

3280. Re: Questions for Phil, Re murata filter

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-21 00:38:08 UTC
From: just_rtfm <just_rtfm@yahoo.com>
Topic: 3278 Message: 3280

hi Bob:

you're correct, the IF changes with mode:

SSB 455.0
CW 455.9
RTTY 456.0
S/AM/FM 450.0

AFAIK the flutter on SSB occurs due to leak of the other sideband. try this: change your wide SSB filter to 15 kHz / 6 kHz and tune a strong MW station on SSB. now change the frequency in 1 Hz steps. you will hear "flutter" until you are exactly centered. this is the ECSS tuning trick: now you just switch back to the dual 2.4 kHz filters and you're set. the murata filter will flutter like this on SSB. this flutter can be minimized on USB by turning both IF knobs to the left (or to the right on LSB). not ideal but useable.

regards,
phil :)

3281. Re: My R-75 countdown begins ...Antenna choice must be made

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-21 01:11:47 UTC
From: just_rtfm <just_rtfm@yahoo.com>
Topic: 3226 Message: 3281

hi Guy:

thanks for interesting post! the Kiwa audio mod AFAIK replaces capacitors in the audio section. i may ask Craig if he will offer my fidelity mod. he may even want to add the switch noted in the PDF. the fidelity with the 47k-ohm resistors and the 15 kHz filter is pretty incredible on medium wave. i replaced my 47k-ohms with 90k-ohms [so i could report the differences] and notice the fidelity loss.

> Of all the former receivers, the one I *really*
> wish I still had is the Drake R-7.

it must be a nice receiver. i've heard others say the same.

regards,
phil :)

3282. Re: Questions for Phil, Re murata filter

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-21 01:13:25 UTC
From: bobinhoser <bobinhoser@yahoo.com>
Topic: 3278 Message: 3282

--- In icomr75@yahoogroups.com, "just_rtfm <just_rtfm@y...>"
<just_rtfm@y...> wrote:
> hi Bob:
>
> you're correct, the IF changes with mode:
>
> SSB 455.0
> CW 455.9
> RTTY 456.0
> S/AM/FM 450.0
>
> AFAIK the flutter on SSB occurs due to leak of the other sideband.
> try this: change your wide SSB filter to 15 kHz / 6 kHz and tune a
> strong MW station on SSB. now change the frequency in 1 Hz steps.
you
> will hear "flutter" until you are exactly centered. this is the
ECSS
> tuning trick: now you just switch back to the dual 2.4 kHz filters
> and you're set. the murata filter will flutter like this on SSB.
this
> flutter can be minimized on USB by turning both IF knobs to the
left
> (or to the right on LSB). not ideal but useable.
>
> regards,
> phil :)
thanks. im a little confused. some have bought the very expensive
Icom wide(3.3 khz) ssb filter to use in ECSS mode. seems like the
murata would work just as well for this? im warming mine up to tweek
the oscillator in. i have acess to lots of HP test equipment. im
going to run an audio frequency response curve on the R75 later on.BOB

3283. R75 audio response measured

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-21 04:25:12 UTC
From: bobinhoser <bobinhoser@yahoo.com>
Topic: 3283 Message: 3283

radio set to 10 mhZ, 85%modulation. -3dB @ 60 HZ ,-3dB @ 2.4 kHz, -6dB @ 3 kHz. buy the way, S9 on the S meter is EXACTLY 50 uV (preamp off).

3284. Re: R75 audio response measured

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-21 05:06:44 UTC
From: just_rtfm <just_rtfm@yahoo.com>
Topic: 3283 Message: 3284

interesting!

phil :)

3285. Icom IC-746 vs. IC-R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-21 11:18:01 UTC
From: dmcbohol <stclaire@netzero.net>
Topic: 3285 Message: 3285

Dec. 21, 2002

Hello group !

I would like to know from the owners of both Icom IC-746 and IC-R75 how the receiver compares. Is the IC-746 (Pro or NonPro model) receiver section in par with that of the IC-R75 both having Twin PBT and the 746 having an IF stage DSP? I am interested to know since I'm planning to purchase the IC-746. I am aware it is more expensive but again the 746 covers 2m up to 177Mhz plus the HF and MW band. I want the opinions of owners of both radio if this is a good choice (the 746) for MW DX listening. Initially I wanted to get the IC-718 because it is cheaper but I opted for the 746 since it has a wider frequency coverage (both TX and RX).

Thanks in advance and Merry Christmas !!

Dennis Ls. M. Cruz (stclaire@...)
the Philippines

P.S.

It is a bit difficult for me to get HAM radio equipments here in the Philippines specially "new" models like the 746 and IC-R75 (almost impossible to find here). The IC-718 is currently available here for about the same price as there in U.S. but without the free DSP options. However Hong Kong is very near and prices there are way below than in U.S.

3286. Sittin' on the side

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-21 14:23:51 UTC
From: johnciaccia <ciaccia@aol.com>
Topic: 3286 Message: 3286

Hello everyone! I've been absorbing for about three months and I bought my R75 two months ago. Love this radio! I put the "Philter" in it but no other mods yet> I'm considering Kiwa sometime in the future.For years I've been using a RadioShack DX400 along with an Icom PCR-100. This R-75 has been so enjoyable I don't listen to anything else.Shortwave,Hams,Rtty, CW, Military and commercial air.....I'm having a ball!
Listed below are the "tools" I'm using with my R75:

Computer- Toshiba satellite 4000 266mhz with 160megs

Software- Scancat Gold, RS-R75, SmartIcom(the best!), Tcl/Tk, MMTTY, CWget

Antenna- a broomstick(165' of 16 wire wrapped on 3/4" pvc with a 10" alum top hat, an inverted L 35'long wire,and a loop around the ceiling, a cold water pipe ground. Condo living is good except it's antenna challenged.Also got a MFJ 1045c preselecter.

So there you have it!

Thanks to everyone for enhancing my R75 experience and have a fine Holiday season!

John

3287. R75 software?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-21 15:32:56 UTC
From: Russ Kiehne
Topic: 3287 Message: 3287

Greetings, I'm blind. I received my r75 via UPS yesterday. Does anyone know of any software for the r75 that will allow me to access the filter setup and the set mode? It looks like the Smart Icom control software won't allow me to do this. I ask someone about this who has the Smart Icom control software and this is the reply:

No, you can?t access the filter setup. You can set the radio to automatically select Narrow, Wide, or Normal for USB, LSB, AM, CW, and RTTY when the Auto button is selected
on the software generated radio faceplate.
Neither can you access the set mode. All you can do is select between Ant 1 and Ant 2.
Sorry.

Russ

3288. Re: Kiwa "MAP" on Ebay

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-21 16:58:03 UTC
From: dukeofbecker <perezcj@cobleskill.edu>
Topic: 3273 Message: 3288

This unit sounds great!!!...but....

I contacted seller who says he will eventually separate if pair doesn't sell in this auction. He previously received an offer of $425 for the MAP unit alone, which he refused. He says he wants over $500 for the MAP...YIKES...even if this is a last in a life chance, this may be out of my reach. But, I guess a comparable Sherwood unit sells for $575. Consider that "Passport to World Band Radio" recommends the addition of a Sherwood (or MAP equivalent) unit to remedy synchro lock shortcomings on many radios, even very high-end models. Maybe I should bite the bullet and buy it. As you mention Guy, this MAP unit surpasses the Sherwood in quality, and only 50 were made!

Carl

-- In icomr75@yahoogroups.com, "thinkdx <dx@g...>" <dx@g...> wrote:
> The good news is that there is a rare Kiwa MAP accessory listed on
> Ebay. The bad news is that (right now, anyway) it's bundled with an
> ICOM R71a.
>
> I've contacted the seller and encouraged him (or her) to list
> additional details of this unique receiver accessory, and I shared
> the high points which are not given in the auction. Also, he or she
> will hopefully follow my advice and split the auction into separate
> auctions. It was my contention that those enthuasiasts who are
> familiar with the rare MAP device won't probably be in the market
for
> an R71a at the same time.
>
> I've owned two MAPs, and my current one recently came out of its
> original carton for the first time. I haven't hooked it to the R75
> yet, but the combo should perform better in selectivity and audio
> quality just as with any other 455 IF receiver... not to mention
the
> additional choice of synchronous-AM the MAP provides.
>
> In short, the MAP was a competitor to the Sherwood SE3, but offered
> more features, was better built, and looked better too (I'm biased,
> though, as I was the designer of the MAP front panel for Kiwa.)
> Unfortunately the MAP only sold about 50 units before it was
> discontinued-- it was way too labor-intensive to build, and not
very
> profitable. This accessory has something like 40 case screws and is
> built like the proverbial tank.
>

> I particularly like the extra, cascaded-filter selectivity the MAP
> provides, using a similar approach to Kiwa's Premium Filter Modules.
>
> The Ebay URL is:
> http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1946424376
>
> Check back in a day or two, as the seller may be splitting the
> auction up, and/or adding more details. If you're looking for a
> special accessory for the R75 and appreciate Kiwa quality, this is
> one to watch.
>
> By the way, "MAP" stands for Multiband AM Pickup.
>
> Guy Atkins
> dx@g...
> Puyallup, WA USA

3289. Icom R-75 vs. Palstar R-30

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-21 18:14:59 UTC
From: rezeiwer <jarmo.patala@luukku.com>
Topic: 3289 Message: 3289

Hi,
I would like to get some comments which one of these two receivers
is more sensitive on mediumwaves / shortwaves. Which one gives more
readable signals on the very weakest signals. Appreciate if anyone
owns both receivers and can compare.

Which one is the best for serious DXing?

73 rezeiwer

3290. RE: [icomr75] Re: Kiwa "MAP" on Ebay

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-21 18:08:58 UTC
From: Guy Atkins
Topic: 3273 Message: 3290

Hi Carl,

The value of the MAP unit is related to a supply-and-demand situation like other products. There are very few people, relatively speaking, who know about this former KIWA product. Of those few, a small percentage may be willing to pay $500+ for one because they recognize its capability and collectability. I seem to recall that the MAP sold for approx. $400-450 when it was in production. For the masses who don't appreciate it--or the SE3 for that matter--they might see it as a gadget with <$100 value.

There are other niche radio products out there which are quite collectable--does anyone else in the group know about the John Leary-modified Hammarlund SP-600's? This fellow, before his untimely death, rebuilt SP-600s from the stripped chassis on up, and hotrodded them to a high degree. Even individual gears in the gear-train were lovingly disassembled, polished, and reassembled. He also had a flair for Mardi-gras style paint jobs; it is quite a sight to behold a hot pink, neon blue, and fire-engine red SP-600, both inside and outside the cabinet! These unusual sets, probably only a few dozen in existence, have a higher level of performance than any stock SP-600 ever had.

The MAP achieves its synchronous detection in a different, but still valid, way compared to the Sherwood SE-3. The SE-3 uses the traditional separately imposed, PLL-locked carrier which is internally generated. The MAP unit is similar to the "synchrophase" synch detection in the Drake R-7/R7a, but better implemented by Craig. This method splits the signal into two paths--the first path gets the sidebands stripped away and the carrier alone is boosted to a stronger, steady level. It then is superimposed on the original signal. The lower audio distortion is noticeable, although some would contend that the other method of synchronous detection allows signals to survive selective-fading distortion better. Craig went into great detail on synchronous detector theory in a Fine Tuning's "Proceedings" article (Maybe I can scan this in for the R75 group's file archives sometime.) In this article he describes the merits and disadvantages of each type of synchro detector, without getting into too much heady mathematics.

IMHO, the benefit to the MAP over the SE-3 is in the extra filtering and audio-shaping features, the best of which is the multiple, cascaded IF filters. Craig had his lab measurements verified by an independent laboratory (Hatfield & Dawson, Seattle), and my MAP's "Certificate of Performance" shows the following interesting tidbits (if you like reading equipment specs):

Wideband filter: -60/-6dB shape factor of 1.32 to 1
-6 dB point: 3.23 kHz, -60 dB point: 4.27 kHz
ultimate rejection at 6.0 kHz: -101 dB

ultimate IF Selectivity at 462 kHz: -88dB
passband level within +/- 2dB, 50 Hz to 3.0 kHz typ.

Narrowband filter: -60/-6dB shape factor of 1.53 to 1
-6dB point: 1.47 kHz, -60dB point: 2.25 kHz
ultimate rejection at 6.0 kHz: -108dB
Ultimate IF selectivity at 460 kHz: -89 dB
passband level within +/- 2dB, 300 Hz to 1.3 kHz typ.

Harmonic distortion (500 Hz, Ref. 60% modulation}: 1.25% wideband filter,
1.70% narrowband filter

Notch filter depth at 2.4 kHz: -35dB

Tone Tilt Response: variable a minimum of 16dB, 50 Hz to 2.7 kHz (indicates
a very effective tone control! -g.a.)

When you consider that the wide & narrow filters can be cascaded with your
receiver's stock filtering, this adds up to a very good combination.

I hope others have not considered this off-topic. Although there are few of
them around, the Kiwa MAP can be used with the ICOM R75 as a good accessory
to improve reception. For some time Craig was looking into offering a "MAP
II" which would have two choices of synchronous detection built-in, but he
never brought this device to production.

--Guy

-----Original Message-----
From: dukeofbecker <perezcj@...> [mailto:perezcj@...]
Sent: Saturday, December 21, 2002 8:58 AM
To: icomr75@yahoogroups.com
Subject: [icomr75] Re: Kiwa "MAP" on Ebay

This unit sounds great!!!...but....

I contacted seller who says he will eventually separate if pair
doesn't sell in this auction. He previously received an offer of $425
for the MAP unit alone, which he refused. He says he wants over $500
for the MAP...YIKES...even if this is a last in a life chance, this
may be out of my reach. But, I guess a comparable Sherwood unit
sells for $575. Consider that "Passport to World Band Radio"
recommends the addition of a Sherwood (or MAP equivalent) unit to
remedy synchro lock shortcomings on many radios, even very high-end
models. Maybe I should bite the bullet and buy it. As you mention
Guy, this MAP unit surpasses the Sherwood in quality, and only 50
were made!

Carl

[Non-text portions of this message have been removed]

3291. RE: [icomr75] R75 software?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-21 20:43:17 UTC
From: Ed Pusey
Topic: 3287 Message: 3291

Check with Bob Parnass, AJ9S or see his web site http://parnass.com
<http://parnass.com/> , or both. His tk-75 program is super. As far as
I can tell, it will allow you to set just about everything there is on
an R-75. The added benefit is that Bob is 1st class helpful!

Ed Pusey

-----Original Message-----
From: Russ Kiehne [mailto:wb6niu@...]
Sent: Saturday, December 21, 2002 10:33 AM
To: icomr75@yahoogroups.com
Subject: [icomr75] R75 software?

Greetings, I'm blind. I received my r75 via UPS yesterday. Does anyone
know of any software for the r75 that will allow me to access the filter
setup and the set mode? It looks like the Smart Icom control software
won't
allow me to do this. I ask someone about this who has the Smart Icom
control software and this is the reply:

No, you can't access the filter setup. You can set the radio to
automatically select Narrow, Wide, or Normal for USB, LSB, AM, CW, and
RTTY
when the Auto button is selected
on the software generated radio faceplate.
Neither can you access the set mode. All you can do is select between
Ant 1
and Ant 2.
Sorry.

Russ

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To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

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<http://docs.yahoo.com/info/terms/> Terms of Service.

[Non-text portions of this message have been removed]

3292. Re: [icomr75] R75 software?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-21 23:38:08 UTC
From: Bob Parnass, AJ9S
Topic: 3287 Message: 3292

Thanks for the kind words, Ed.

tk75 free software provides control of virtually every Set Mode adjustment. A filter menu and filter configuration applet manages installation of optional filters and clearly associates IF filters with wide, medium, and narrow selectivity settings for each mode.

However, tk75 is highly graphic and I don't know that a sightless person would be able to use it. Screen snapshot images may be viewed here:

http://parnass.com/tk75/screens.html

You can learn more about tk75 and download it free from http://parnass.com

Regards,
Bob Parnass

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==========
Bob Parnass, AJ9S Linux User http://parnass.com

3293. Re: [icomr75] R75 software?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-22 00:53:05 UTC
From: John Pickrell
Topic: 3287 Message: 3293

Bob, (or anyone)

Question for you. I have followed the directions on your website to the "T" (in fact printed them for a check list) but the program will not run. I have repeated these steps three times (after deleting the downloaded/extracted files each time) with the same results.

Help! What's the secret?

John Pickrell

----- Original Message -----
From: Bob Parnass, AJ9S
To: icomr75@yahoogroups.com
Sent: Saturday, December 21, 2002 6:38 PM
Subject: Re: [icomr75] R75 software?

Thanks for the kind words, Ed.

tk75 free software provides control of virtually every Set Mode adjustment. A filter menu and filter configuration applet manages installation of optional filters and clearly associates IF filters with wide, medium, and narrow selectivity settings for each mode.

However, tk75 is highly graphic and I don't know that a sightless person would be able to use it. Screen snapshot images may be viewed here:

http://parnass.com/tk75/screens.html

You can learn more about tk75 and download it free from http://parnass.com

Regards,
Bob Parnass

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Bob Parnass, AJ9S Linux User http://parnass.com

To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

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[Non-text portions of this message have been removed]

3294. tk75 troubleshooting info

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-22 04:15:06 UTC
From: Bob Parnass, AJ9S
Topic: 3294 Message: 3294

If you have a problem installing or getting one of the tk radio
programs to run, please provide this information:

1) What operating system are you using? The tk radio programs
work on Linux, MacOS X, Windows (95 and later), BSD, Unix,
and others, so I need to know your computing environment.

2) How much RAM does your computer have?

3) What is the error message or other errant indication do you see?

The most common cause of problems (over 90%) is installing
the software in the wrong folders.

Windows defaults to the wrong folders when downloading and
extracting from a zip file, so you must override the defaults and
specify the exact folders named on my web page:

http://parnass.com/tk75/dl4win98.html

Recheck the contents of your C:\tcl and C:\tk75 folders
and let me know what files and folders they contain.

Another way to run the program is to open a command prompt window
and type:

```
C:
set tk75=3DC:\tk75
"C:\tcl\bin\wish83.exe" "C:\tk75\tk75.tcl"
```

Regards,
Bob Parnass

--
==========
Bob Parnass, AJ9S Linux User http://parnass.com

3295. Re: Sittin' on the side

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-22 04:37:39 UTC
From: just_rtfm <just_rtfm@yahoo.com>
Topic: 3286 Message: 3295

hi John!

welcome aboard! i'm glad to hear you're enjoying your R75. how well
does that broomstick antenna work?

Happy Holidays!
phil :)

3296. Re: Icom IC-746 vs. IC-R75

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-22 04:38:30 UTC
From: just_rtfm <just_rtfm@yahoo.com>
Topic: 3285 Message: 3296

hi Dennis:

i am sure the 746 is capable. IMO the most important aspect with regard to MW DXing is the antenna. VHF/UHF is a different beast, a scanner will do. if i were a ham i'd go for a transceiver... if not the 746 is probably (guessing) three times the cost of an R75.

regards,
phil :)

3297. Parnass R75 Software

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-22 04:40:33 UTC
From: jmpickrelljr <jmpickrell@comcast.net>
Topic: 3297 Message: 3297

Bob (and all),

I've sorted out the problems I had making Bob's R75 S/W run.

Thanks,

John Pickrell

3298. Re: Kiwa "MAP" on Ebay

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-22 04:42:46 UTC
From: just_rtfm <just_rtfm@yahoo.com>
Topic: 3273 Message: 3298

hi Guy:

great post. those John Leary Hammarlunds sound interesting (it's been a few years since i was at mardi gras). i would like to read that article by Craig regarding synchronous detector theory. the MAP's filter shape factor and ultimate rejection specs are quite impressive.

regards,
phil :)

3299. Re: Icom R-75 vs. Palstar R-30

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-22 05:32:55 UTC
From: just_rtfm <just_rtfm@yahoo.com>
Topic: 3289 Message: 3299

hi rezeiwer:

i only own the R75 but here is my take... first off both are nice receivers with good sensitivity and selectivity. out of the box the Palstar has greater MW sensitivity, nicer audio quality, better AM AGC, and an analog s-meter. another strong point IMO is that the R30 can be battery operated and weighs only 2.2 lbs... if my main usage was portable DXing i might be over at the Palstar board right now. negatives: no keypad, case screws must be removed to change batteries, and previous quality control issues.

IMO the R30 is missing three important features that are standard on the R75 as well as most DXing rigs: an RF gain control (sometimes critical to having the filters work properly), passband tuning (effective at rejecting noise, the R75 has twin PBT for bandwidth shaping), and a notch filter (nobody wants to listen to a heterodyne, the R75 has an automatic notch [DSP]). other features the R75 has over the R30 include: a noise blanker (depending on your QTH this could save your sanity lol), DSP noise reduction (makes dial spinning easier on your ears, especially with headphones), RS232 control (this feature opens huge possibilities), multiple pre-amps, FM (no biggy), extended coverage to 60 MHz (no biggy), scanning, squelch, and a clock. the R75 has nice buttons, display, and ergonomics.

it is important to note that the stock R75 AM section has some flaws... this makes the Palstar better on AM out of the box. fortunately, on this board, there are mods to fix the R75's shortcomings. do Rado's AM-AGC mod and Rado or John's Sync-AM mod and you will have a working synchronous detector. this feature often means the difference between being able to understand an AM transmission and not. unfortunately the Palstar has no sync and the 20 Hz tuning steps are not ideal for ECSS. do Pete's R75 MW attenuator bypass mod and MW sensitivity is excellent. there is also a fidelity enhancing mod for the R75.

even $4000 receivers have flaws: the R75's can be fixed with skill and ~$50 worth of parts (half of that is for the soldering iron). Passport (laymans guide) rated the stock R75 4.375 stars stating: "first-rate receiver for unearthing tough utility and ham signals, as well as world band signals received via manual ECSS tuning". WRTH (DX oriented) rated three tabletop receivers 5 stars in terms of overall value: the R75, the NRD-545 ($1800), and the Watkins HF-1000 (discontinued, was $3800). [FWIW my versions of these yearly publications are old].

ok, i'll stop before i write a book. either way you cannot lose.

regards,
phil :)

3300. Re: [icomr75] Re: Sittin' on the side

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-22 13:39:32 UTC
From: ciaccia@aol.com
Topic: 3286 Message: 3300

Hi Phil!

Great to hear from you. The broomstick works fine from the broadcast bands up to 6 MHz. When using it and switching to the long wire it out performs the long wire, maybe due to its vertical orientation or wire length. Without the top hat it's just a pole with wire on it. I'm using an aluminum screen which was a frying pan splatter screen. Need to find an aluminum springform cake pan to use the bottom out of that. Who would have thought I would be searching cooking stores for my radio hobby?

Question: Can the UT-102 voice synthesizer be completely turned off? Sometimes it gets a little annoying when switching between am, sam, usb etc.

Thanks for saving me big bucks on the 3.3khz "Philter" It helps a lot working the AM shortwave bands!

John

[Non-text portions of this message have been removed]

3301. Heres a Review for everyone I ran across

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-22 16:21:08 UTC
From: The Internet Repair Shop
Topic: 3301 Message: 3301

Great Reciever for the Price without a doubt, been using it in the shack here for a year now, ganged together with my ICOM 718 Transceiver (Same antenna) use it like the Old DRAKE TWINS! Great combination!

WB0OAF
==========

The ICOM IC-R75 Communications Receiver

The ICOM ICR-75's poor sync circuit can be improved with "Kiwa's" modifications

The ICOM IC-R75 is medium priced tabletop SW set. It does cover a bit past 50 Mhz to also catch the 6 Meter Amateur band. It uses a seperate "Floor Brick" (or is it a Wall Wart ?) supply instead of a internal supply. It seems that the IC-R75's audio is continuing the ICOM trait of poor audio, but it's not as bad as the old IC-R71 "Distortion Beast". The Sync detector also seems to be a stinker. But overall it looks like a nice set for the money.

The Twin "PBT" looks intresting. The optional DSP is the same board that goes in other ICOM Amateur sets..so it's the old AF DSP stuff. Rubber pushbuttons have been used, that seems to be the norm with ICOM these days. Of course this type of button will not hold up in years to come as air reacts to the plastic/rubber, and also the printing on these type of buttons have a tendency to wear off with only minor use..time will tell.

I do NOT own this receiver or have had a chance to play with one. Comments from others can be found below.
Davez

Mike Moore from Canada has made a purchase of a ICOM IC-R75 than had it modified with the latest Kiwa Modifications. He notices distinct improvements and here are his initial impressions. It sounds like it's worth the extra money for sure. Thanks Mike for the comments.

"The AGC fix and perhaps to some extent, the audio mod, really removes the distortion that, previously, was particularly noticable in the AM mode. Now the audio is *extremely* clear and isn't easily affected by fading signals as it was before themod. This modification is so good that the sync mod then becomes alot less important. (I'm unsure as to how much is attributable to the AGC mod and how much is attributable to the audio mod.) I tried feeding the audio into an Optimus PRO-X44AV speaker. The audio was absolutely fabulous (although only average dynamic range). The sound was full and had a good bass. Before the mods, with the external

speaker connected, the AM distortion was so noticeable as to makelistening with an external speaker unpleasant. Now, it is very pleasant."

"The sync detector now works, ie. it maintains lock. It whistles when gaining lock and whistles when it loses lock. While testing it on a *very weak* station, it kept whistling/howling (before the mod, it seemed to make no attempt to gain lock). With the dramatic improvement to the straight AM, it's now somewhat more difficult to find signals (with rapid fades) that would easily demonstrate the difference between the sync AM and straight AM. Nonetheless, in the sync AM mode, audio and especially music appeared to suffer less from fading."

"The addition of the 3.8 kHz filter is just what the doctor ordered. This is a perfect width for narrow AM/S-AM. I tried it on Radio Havana, which had one sideband being interfered with. With sync AM, the 3.8 kHz filter and the inner PBT control turned to one side, the signal came in clear and sounded beautiful. I had been considering buying another 3.3 kHz filter (many months ago, I had taken the one I had out of the R75 and put into the AR7030+) but with the 3.8 kHz filter installed by Kiwa, I have since changed my mind."

"Also, the NR now seems to work better. On this point, I'm not really sure if this is just subjective on my part or not. Before the mods, the NR seemed to reduce signal and noise in equal proportions, rendering it rather useless. Now it doesn't seem to attenuate the signal as much (or it seems to reduce the noise more) as it did before - actually making it useful. "

"Cheers! Michael Moore"

A few comments from Dan Blackburn on the IC-R75. I feel that if a "Internal Power" supply is built correctly, no excessive heat or a cheap poor "buzzy" transformers...etc...it's better inside a radio. I hate Wall-Floor Warts !!!! The internal power supply in the JRC NRD-545 is a very nice one, matched to the set perfectly (current vs heat) and is quiet as a mouse.

"I agree with many of the comments in the postings that have appeared so far, but I have a few things to add that I have found, from having owned two of these excellent receivers so far. First of all, I do not regard the receiver's external "brick" power supply to be undesirable. I have read several reviews and some of the comments in the postings on this site, which make mention of this." " "To me, an external power supply is VERY desirable for two major reasons: 1) It takes one of the main heat-generating components in any piece of electronic equipment, and moves it well-away from the sensitive circuitry inside the cabinet. This also helps remove potential hum and magnetic fields from the immediate vicinity of the receiver circuitry. 2) In the event of a power supply failure, it is only necessary to service the "brick" itself, rather than forfeiting use of the entire receiver during repairs."

"It should be noted that the external supply would likely be less failure-prone to begin with, as long as it is in a properly-ventilated location."

"Another observation I have made with regard to the R75's sync-AM function, is that it works MUCH better with signals which are lowered by the RF gain control. I have found that the sync circuit seems to be effective only on signals that "peak" below S10 on my bar-graph meter scale. In other words, by using the RF gain to suppress the signal level so that it only drives the meter to around S-7 or so, THEN engaging the Sync feature, the results are noticeably improved. Of course, the volume control must be appropriately increased due to the reduced RF signal, in order to maintain adequate audio levels, but this is a minor inconvenience. I have noticed that when the "S" character on the display is blinking, the sync detector is working and effective under the above conditions. When it is not blinking, the sync is not active and I further reduce the RF gain until it blinks on all but the received signal's peaks."

"I have also found that using Icom FL-257 and FL-223 filters, which produce 3.3 KHz and 1.9 KHz I-F passbands respectively, yield very good results and give the most available flexibility when selecting combinations for the many operating modes. For example, I have selected AM-mode filtering choices of 15/6 (wide), 15/3.3 (normal) and 2.4/2.4 (narrow) for most SWL activities."

"Finally, I have also found the R75's internal speaker to be somewhat less than adequate, so I use mine with the excellent Drake MS-8 external speaker unit. I have found the MS-8 just right for my listening preferences, and the speaker looks GREAT alongside the R75 with the receiver's tilt bail extended. I would recommend to anyone wanting to improve their R75's audio to give the Drake MS-8 a try."

"All in all, even with the cost of the added filters and MS-8 speaker, I believe the R75 to be a superior receiver, preferable in many ways to the more expensive Drake R8B, and with better coverage and cosmetics. Having owned two Drake receivers previously, as well as two Kenwoods and a Yaesu, I must say that the Icom R75 remains my hands-down favorite of them all."

A short comment from Bj?rn Danielsson, Sweden on his new IC-R75 . English is a bit broken ...but you can figure out what he is saying.

"I have one since 1 week. And I am very satisfied with it so far.Yes it has 99 mem + 2 memories for scan edge. Is not 99 enough? I think it will be nice for me. Yes it can scan between 2 freqs and memory scan and on selected memories too like the R72 did. I can?t compare it to other radios execpt for my old Icom R72. And the R75 is much better than the R72. Better sound quality, almost noting background noise on the audio. The R72 had a lot of noise. The squelch is selectable between squelch and RF-gain or both at the same time. But I have RF-gain at max and only squelch on the squelch !! :-) If you buy one don?t forget to buy the DSP at the same

time. It has Noise reduction and auto notch. I don?t know why they have it as option, it should have been in it at first."

Bj?rn Danielsson, Sweden

A note from Johan Letterst?l in Sweden on the Bandwidth scheme ..sounds like good news here ??

As for the bandwidth scheme:
The standard R75 comes with 15k and 2.4k in 9MHz 2nd IF and 15k, 6k and 2.4k in 455kHz 3rd IF.

There are one empty spare slot for both IF's. I've added a 1.9k narrow SSB filter in 2nd IF. Actually I'm considering stripping my R71, moving both the 2.4k 455k crystalfilter (Inrad FL44 substitute) and a 4k 9M crystalfilter to the R75. R75 gives you the ability to tailor each of the bandwidths (wide, normal, narrow) with any combination of 9MHz and 455kHz filters. Eg for AM I've choosed 15+6, 2.4+2.4 and 1.9+2.4 respectively.
Johan
(Thank You Johan for the information)

Johan Letterst?l in Sweden with his promised comments on his new IC-R75 . Well it looks like the audio and Sync circuit both.."Stink"..oh well so much for wishful thinking. Want the best audio , looks like the AR 7030 is still the winner on the market..A Big "Thank You" Johan for the input.......DaveZ

The following are my first impressions and comments on the R75 after about 10 hours of usage, including some comparisions with my other units, the AOR AR7030(standard w NB/notch) and the Icom R71(w/o PLAM). The review is based on PURE LISTENING (BC-stations, mostly AM) and not any scientific A/B testing. The R75 is equipped with the optional DSP and a optional 1.9kc filter in 2nd IF. The antenna is an 8 m(27ft) random wire with coax-feed and balun. For specifications and technical details, please refer to the Icom US website (link below..) or other sources.

First look:
The R75 is small and light. The look and styling of the exterior is very nice although it doesn't have the robustness of the 7030. The buttons are the "rubber-type", but feels distinct and has a good "feedback". The main dial is ok, but the R71's big "free-wheel" is still superior. Also the solid metal knob of the 7030 has a better feeling. The other two knobs are quite small and I did have some minor difficulties to operate them (big fingers?). (No rotary encoders here, Davez! ;-){Good to hear that.but if optical encoders were used I would not care....DaveZ}

On the rear you will find the ordinary connectors for antennas, PC, recorder, speaker etc. "Why didn't Icom label them?" I asked myself, until I took a close look on the serial number label! The layout is shown there!

The R75 has a traditional front panel with the "one control=one function" concept, compared to the 7030 which uses very few controls and a complex menu-system with lots of up and down toggling. The similarity to the "older brother" R71 is obvious in some cases and if you're a R71 user, the step to the R75 is a short step.

The manual for the R75 is ok (but far from the excellent 7030 manual).Schematic is not included (not even a blockdiagram).{that stinks...DaveZ}

Usage:
The first thing that 'hits' you at power up, is the display. Large, clear and with a nice background illumination. All the settings of the receiver are shown on the display. Icom calls it a "function display" and that's what it is! I especially enjoyed the S-meter with its 'peak hold'. R75 really wins here. The method of selecting bandwidth seems to be taken directly from the R71. Each mode has three bandwidhts; wide, normal and narrow. Contrary to the R71, R75 gives you the possibility to combine the filters (15kc, 2.4kc, Spare in 2nd IF and 15kc, 6kc, 2.4kc, Spare in 3rd IF) for each bandwidth and mode. Eg for AM you could set 15kc+6kc, 15kc+2.4kc and 2.4kc+2.4kc for wide, normal and narrow respectively. The filter setup is very versatile and installing optional filters are easy. But, even this, I might still prefer the 7030 with its (up to) six filters and the excellent calibration feature. I lack a wider filter in either IF (2.8-3.3). The difference is very small, but points goes to AOR.

What about the twin-pbt? Again an heritage from the R71. The difference is that R75 uses two controls (a concentric knob) for moving lower and upper portion of the passband. Turning both controls togheter moves the entire passband. Works fine and it's much better than the R71 PBT. The 7030 uses one control and most importantly, shows the passband offset on the display. You see what your'e doing (aka WYSIWYG!).

Entering frequency with the keypad works fine, but Icom should have included a kHz button as well. To enter for example 15565 kHz, you have to punch 1 5 5 6 5 0 0 ENT or 1 5 . 5 6 5 ENT. Another ex: 1100 kHz would be 1 1 0 0 0 0 ENT or 1 . 1 ENT. Other settings (and there are a lot), such as tuning steps, beep level, cw pitch, dimmer etc, are done in a setup menu. Very user-friendly and easy to use!

The performance:
Audio: The R75 has a SMALL front mounted speaker (Icom US webpage calls it large!). The audio output and fidelity are ok and with headphones it's even better. I've not tested any external speaker. In general the audio is clearly better than the R71 (could it be worse?) but still not better than the 7030 (could it be better?). Distorsion shows up when using very narrow filters in AM, but that's logical and and could be remedied with the pbt. One way of getting nice audio is to use synchronous AM. Turning this on, the R75 will disappoint you! Honestly, I CANNOT hear ANY difference orimprovement AT ALL! In fact, under certain circumstances, the s-AM will instead momentarly distort the audio! Very strange! Do I use it the wrong

way or?...I suspect that Icom employs "carrier reconstruction" rather that "carrier replacement" for the R75 s-AM solution. The s-AM on the 7030 is superior and more versatile by all measures (even taking the disturbing low level heterodyne in account) The attack- and decay time for AGC fast and slow seems to be right and I'm satisfied with them. {This is bad news indeed on the Sync Detection Circuit....Davez)

The optional DSP has two functions; noise reduction and automatic notch. The notch isn't operational in AM according to the manual, but that's not 100% true! Certain het's are reduced completely, others not. It seems to be some limitations within the passband (perhaps due to the notch being optimizedfor SSB bandwidths, not AM at 6kc). Well, it works to some degree. Compared to my MFJ-784B DSP, the MFJ is of course better and more aggressive in hunting and eliminating het's. The noise reduction works very well, also compared with the MFJ. The levelis variable between 1 to 15 (dB?) and at 5 the reduction is sufficient. Asin any DSP, you will get 'echoing' or 'hollowness', when you increase the reduction level to maximum.

I would rate the R75 sensitivity as good and high enough for serious DX-ing. There are two preamps, +10db and +16dB, that works more and less over the entire spectrum (+16dB mainly used for 20+ MHz). Judging from S-meter readings and assuming that both S-meters are correctly calibrated (YES I know, this is not the right way) the R75 with preamp 1 equals 7030 w/o preamp on shortwave. With preamp 2, the R75 exceeds the 7030 with preamp. On mediumwave, the 7030 is better overall.

At a glance review, 1-5 (bad-excellent):
Price/performance: 5
Design: 5
Controls: 4
User friendliness: 5
Sensitivity: 4
Features: 4
Specific functions/features:
Filters: 3-4
Sync-AM: 2
DSP: 4
Setup menus: 5

Johan Letterst?l, Sweden

Comments from James in Taiwan, edited from the "Newsgroups" . True, the price has to be looked at, but if you like better audio and a sync circuit that actually works (at least at this point it does indeed looks like the R75's sync...stink ?)..spend another US $ 300.00 and go for a "Standard" version AOR AR7030. If "Sync" is not on your list of "Must Have" then maybe a R75 would be a good buy ??

I just got an IC-R75 after reading some reports both pro and con about the receiver. After using the receiver I found out that most of the cons were over rated. When using this radio keep in mind the price it cost. An IC-R75 IS NOT an IC-R9000 or anyother US$5,000+ radio. My IC-R75 is replacing my IC-R71A. The R75 is FAR BETTER that my R71A in all functions.

The size of the R75 is just right as it can be used as a portable receiver in a car without making any big changes. ICOM has choose to use hard rubber for the buttons and tuning dials. Some people on the net feel the hard rubber will get eaten away over time. I think there is some truth to this but under extreme temperture contidtions. The R75 is very light (My R71A was a ton!).

I must tell you that I put the DSP option in the radio and it works very well. The key to listen on the R75 is not to set the NR (noise reduction) level too high. If the NR is set too high you will get distortion at voice freqs. It a few cases I was able to masking / cover a voice completely by setting the NR very high. It's just a good ideal to set the NR to the maximum noise reduction level and not above.

The NB (Noise Blanker) is of great help. In some cases it kills more noise than my IC-R8500 with a DSP 599zx! I live almost under power lines and I night I get very bad bus noise fro the relay stations. With the DSP option the NB works very well (The NB doesn't work in FM mode).

I found the two level preamp VERY usefull in low signal conditions. Here in Asia we have to fight with noise a lot more that US or Europe based monitoring sites. In one case I was able to pull out a very low powered Mongolian station out between a radio station in Shanghai and Helongjiang in Northern China! I use the NR and ANF (Automatic Notch Filter) to peek the voice level of the announcer along with the TWIN PBT (Passband Tuning Controls) to adjust the level of IF to give me the maximum audio level (this TWIN PBT wasn't a great help in AM mode but it did help!).

The memory bank space on the R75 is just too small. I don't know what came across the folks at ICOM by putting in ONLY 100 slots for programming. This is a major drawback. Because of the low memory banks I've started to use a PC control software to do large band scans. ICOM messed up here big time!

I found the scanning rate as fast as my R8500 and R7100 and the hit rate just as good.

The CW audio pitch adjustment also works well and saves me time when decoding via my external noise filter (Timewave DSP-599zx) The RTTY reverse mode helps me a bit when I screw up the MARK and SPACE signals. Also being able to select the RTTY shift helps when tunning a known RTTY signal.

Comments below from Gert Nilsson from Sweden on his IC-R75 . Thanks Gert for the input.

Some weeks ago I bought an IC-R75 with the 2,8 and 3,3 kHz filters and the DSP. Price around 9000 SKr = 1000$. We are some guys in ?rnsk?ldsvik using 6 very long beverage antennas at a very quiet QTH. My friends have NRD 515, AOR7030+ and NRD525 receivers and I have made some tests. COMPARISON between R71E and R75 R71 with PLAM, 1024 memory board and some extra filters, attenuator below 1,6 MHz removed.R75 with DSP, 2,8 kHz filter in 9 MHz IF, 3,3 kHz filter in 455 kHz IF, AM band attenuator shorted out.These two receivers are rather similar, if you are used to the R75 you will enjoy tuning the R75. If you do not like the menus/remote control of the AOR AR7030+ the R75 is a receiver for you.

Sensitivity:My R71 is as sensitive as the AR7030, NRD515 and NRD 525. The R75 is even more sensitive. I have tried stations down in the noise and you definitely here them first on the R75. It has 2 different preamplifiers: Preamplifier 1 uses 2 JFET in parallel in a grounded gate configuration and I still have to se it crossmodulate. Preamplifier 2 can be used on all bands but it is intended for low noise operation above 20 MHz. It is an broadband IC amplifier with almost 20 dB amplification and very low noise, but it can not be used on crowded bands like the AM band during evening and night hours. It is perfect in a low signal environment. The specs for the R75 says 5,6 uV for AM below 1,6 MHz. With the attenuator removed it is very hot down to the lower frequency limit. ICOM has made a CP = Connection Point on the main board. If you short this connection point the attenuator is removed.The R75 has very quiet AF amplifiers, no broadband hiss like the NRDs which make readability of weak signals better.

Selectivity:The R75 has 15 kHz filter in the 9 MHz IF ahead of the Noise gate, then follows the other 9 MHz filters, 2,4 kHz and one optional. Third IF has 15 kHz and 6 kHz filters with 450 kHz center frequency (very cheap Murata filters) and a 455 kHz Murata CFJ455K5 2,4 kHz in other receivers but just 2,1 kHz in the R75. Any mode can use 3 different settings: narrow, normal and wide and you can choose yourself. The only limitations are that you can not use the 455 kHz filters in the S-AM (more about that later). Selectivity is very good. My 3,3 kHz filter has very steep shirts.

Passband tuning:The PBT of the R71 adjusts the width of the filters, if you do not have a wide extra filter in the 9MHz IF or bypass these filters. The R75 has twin PBT with 2 concentric knobs. If you turn both the same amount in the same direction you just move the passband, like the Drake receivers or the 7030. You can move it +/- 1,29 kHz in 15 Hz steps. If you turn one of the knobs or turn the knobs in different directions you can tailor the bandwidth and move the position of the passband simultaneously. With the 2,8 + 3,3 kHz any bandwidth between 1,5 and 2,8 kHz is possible. This is similar to the NRD535. I think the PBT works great. It works best with the optional 455 kHz filters.

Frequency control:The R71 has 10 Hz, 50 Hz (when tuning fast), 1 kHz and 1 MHz steps. The R75 has fine tuning of 1 or 10 Hz, coarse tuning selectable 0,1, 1 , 5, 6.25, 9, 10 12.5, 20, 25 and 100 kHz and band tuning in 1 MHz steps. You can have different steps in all modes. Tuning accuracy:The R71

tunes in 10 Hz steps and a has 10 Hz accuracy if you have PLAM and learn to count the marks on the tuning control. The R75 tunes and shows 1 Hz. The only indication of correct tuning is by ear so I would say 10 Hz is a realistic accuracy. My R75 shows the correct frequency at 500 kHz but is 15 Hz high at 30 MHz. I have not tried to correct this.

Stability:The R71 drifts about 60-70 Hz from turn on. The R75 drift is within 10 Hz.AM/S-AM:Of course much better audio in the R75, but I can't see any major difference between AM and S-AM. Icom uses a Stereo IC to restore the carrier. Not close to PLAM. In fact the R75 sounds so good in USB/LSB I always receive AM stations in the SSB mode with 2,8 or 3,3 kHz filters. The DDS is very clean and the audio is very clear and open in SSB. If you have 2 or more stations on an AM channel it is much easier to separate them with the R75. I think ICOM should try another solution to synchronous AM, preferably with a small lock in range. If I have 2 stations 50 Hz apart I can lock on either of them with the R71 PLAM which functions very good.

Noise blanker:The NB works fine on impulse noise on both receivers. The R71 NB is adjustable the R75 is not. The R75 NB also distorts strong signals (when it is not needed).

DSP:The NR can be adjusted between 0 and 15. A setting of 3 to 5 works fine, but I personally think it is a disappointment. When you press the NR button it sounds very good when the noise drops a lot but in fact all audio get weaker so the difference is just a few dBs. Still it can make the difference when signals are very weak. Like all kind of DSP the sound is a little strange to listen to. The ANF, the automatic notch filters, is quite good and eliminates most heterodynes, very easy to use.

Crossmodulation:No problems unless you use the Preamplifier 2 on crowded bands .

Not so good:The concentric knobs for the Twin PBT are not very easy to use with big fingers like mine. The pressure needed to push a button is a little to much. I like the R71 much better.

Recommendations:If you like to tune to hard to get stations on crowded bands I think an extra filter in the 455 kHz IF is a must. If you have to compromise I think a 2,8 kHz filter is a good compromise. At 50$ the DSP is clearly worth the money. If you are a BC DX-er you should try to remove the attenuator. If you have troubles with local stations it is very easily restored to the original.

_____
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3302. Re: [icomr75] Heres a Review for everyone I ran across

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-22 18:06:42 UTC
From: John Pickrell
Topic: 3301 Message: 3302

To All,

I culled this paragraph from The Internet Repair Shop's" reviews in an earlier email and would like comments and observations on its accuracy.

"Another observation I have made with regard to the R75's sync-AM function, is that it works MUCH better with signals which are lowered by the RF gain control. I have found that the sync circuit seems to be effective only on signals that "peak" below S10 on my bar-graph meter scale. In other words, by using the RF gain to suppress the signal level so that it only drives the meter to around S-7 or so, THEN engaging the Sync feature, the results are noticeably improved. Of course, the volume control must be appropriately increased due to the reduced RF signal, in order to maintain adequate audio levels, but this is a minor inconvenience. I have noticed that when the "S" character on the display is blinking, the sync detector is working and effective under the above conditions. When it is not blinking, the sync is not active and I further reduce the RF gain until it blinks on all but the received signal's peaks."

Thanks.

John Pickrell
----- Original Message -----
From: "The Internet Repair Shop" <theshopt@...>
To: <icomr75@yahoogroups.com>
Sent: Sunday, December 22, 2002 11:21 AM
Subject: [icomr75] Heres a Review for everyone I ran across

> Great Reciever for the Price without a doubt, been using it in the shack
> here for a year now, ganged together with my ICOM 718 Transceiver (Same
> antenna) use it like the Old DRAKE TWINS! Great combination!
>
> WB0OAF
> ==
>
> The ICOM IC-R75 Communications Receiver
>
>
> The ICOM ICR-75's poor sync circuit can be improved with "Kiwa's"
> modifications
>
> The ICOM IC-R75 is medium priced tabletop SW set. It does cover a bit past
> 50 Mhz to also catch the 6 Meter Amateur band. It uses a seperate "Floor
> Brick" (or is it a Wall Wart ?) supply instead of a internal supply. It
> seems that the IC-R75's audio is continuing the ICOM trait of poor audio,

> but it's not as bad as the old IC-R71 "Distortion Beast". The Sync
> detector also seems to be a stinker. But overall it looks like a nice set
> for the money.
>
> The Twin "PBT" looks intresting. The optional DSP is the same board that
> goes in other ICOM Amateur sets..so it's the old AF DSP stuff. Rubber
> pushbuttons have been used, that seems to be the norm with ICOM these
> days. Of course this type of button will not hold up in years to come as
> air reacts to the plastic/rubber, and also the printing on these type of
> buttons have a tendency to wear off with only minor use..time will tell.
>
> I do NOT own this receiver or have had a chance to play with one. Comments
> from others can be found below.
> Davez
>
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> ---

>
> Mike Moore from Canada has made a purchase of a ICOM IC-R75 than had it
> modified with the latest Kiwa Modifications. He notices distinct
> improvements and here are his initial impressions. It sounds like it's
> worth the extra money for sure. Thanks Mike for the comments.
>
> "The AGC fix and perhaps to some extent, the audio mod, really removes the
> distortion that, previously, was particularly noticable in the AM mode.
> Now the audio is *extremely* clear and isn't easily affected by fading
> signals as it was before themod. This modification is so good that the
> sync mod then becomes alot less important. (I'm unsure as to how much is
> attributable to the AGC mod and how much is attributable to the audio
> mod.) I tried feeding the audio into an Optimus PRO-X44AV speaker. The
> audio was absolutely fabulous (although only average dynamic range). The
> sound was full and had a good bass. Before the mods, with the external
> speaker connected, the AM distortion was so noticeable as to makelistening
> with an external speaker unpleasant. Now, it is very pleasant."
>
> "The sync detector now works, ie. it maintains lock. It whistles when
> gaining lock and whistles when it loses lock. While testing it on a *very
> weak* station, it kept whistling/howling (before the mod, it seemed to
> make no attempt to gain lock). With the dramatic improvement to the
> straight AM, it's now somewhat more difficult to find signals (with rapid
> fades) that would easily demonstrate the difference between the sync AM
> and straight AM. Nonetheless, in the sync AM mode, audio and especially
> music appeared to suffer less from fading."
>
> "The addition of the 3.8 kHz filter is just what the doctor ordered. This
> is a perfect width for narrow AM/S-AM. I tried it on Radio Havana, which
> had one sideband being interfered with. With sync AM, the 3.8 kHz filter
> and the inner PBT control turned to one side, the signal came in clear and
> sounded beautiful. I had been considering buying another 3.3 kHz filter

> (many months ago, I had taken the one I had out of the R75 and put into
> the AR7030+) but with the 3.8 kHz filter installed by Kiwa, I have since
> changed my mind."
>
> "Also, the NR now seems to work better. On this point, I'm not really
> sure if this is just subjective on my part or not. Before the mods, the
> NR seemed to reduce signal and noise in equal proportions, rendering it
> rather useless. Now it doesn't seem to attenuate the signal as much (or
> it seems to reduce the noise more) as it did before - actually making it
> useful. "
>
> "Cheers! Michael Moore"
>
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>
> A few comments from Dan Blackburn on the IC-R75. I feel that if a
> "Internal Power" supply is built correctly, no excessive heat or a cheap
> poor "buzzy" transformers...etc...it's better inside a radio. I hate
> Wall-Floor Warts !!!! The internal power supply in the JRC NRD-545 is a
> very nice one, matched to the set perfectly (current vs heat) and is quiet
> as a mouse.
>
> "I agree with many of the comments in the postings that have appeared so
> far, but I have a few things to add that I have found, from having owned
> two of these excellent receivers so far. First of all, I do not regard the
> receiver's external "brick" power supply to be undesirable. I have read
> several reviews and some of the comments in the postings on this site,
> which make mention of this." " "To me, an external power supply is VERY
> desirable for two major reasons: 1) It takes one of the main
> heat-generating components in any piece of electronic equipment, and moves
> it well-away from the sensitive circuitry inside the cabinet. This also
> helps remove potential hum and magnetic fields from the immediate vicinity
> of the receiver circuitry. 2) In the event of a power supply failure, it
> is only necessary to service the "brick" itself, rather than forfeiting
> use of the entire receiver during repairs."
>
> "It should be noted that the external supply would likely be less
> failure-prone to begin with, as long as it is in a properly-ventilated
> location."
>
> "Another observation I have made with regard to the R75's sync-AM
> function, is that it works MUCH better with signals which are lowered by
> the RF gain control. I have found that the sync circuit seems to be
> effective only on signals that "peak" below S10 on my bar-graph meter
> scale. In other words, by using the RF gain to suppress the signal level
> so that it only drives the meter to around S-7 or so, THEN engaging the
> Sync feature, the results are noticeably improved. Of course, the volume
> control must be appropriately increased due to the reduced RF signal, in

> order to maintain adequate audio levels, but this is a minor
> inconvenience. I have noticed that when the "S" character on the display
> is blinking, the sync detector is working and effective under the above
> conditions. When it is not blinking, the sync is not active and I further
> reduce the RF gain until it blinks on all but the received signal's
> peaks."
>
> "I have also found that using Icom FL-257 and FL-223 filters, which
> produce 3.3 KHz and 1.9 KHz I-F passbands respectively, yield very good
> results and give the most available flexibility when selecting
> combinations for the many operating modes. For example, I have selected
> AM-mode filtering choices of 15/6 (wide), 15/3.3 (normal) and 2.4/2.4
> (narrow) for most SWL activities."
>
> "Finally, I have also found the R75's internal speaker to be somewhat less
> than adequate, so I use mine with the excellent Drake MS-8 external
> speaker unit. I have found the MS-8 just right for my listening
> preferences, and the speaker looks GREAT alongside the R75 with the
> receiver's tilt bail extended. I would recommend to anyone wanting to
> improve their R75's audio to give the Drake MS-8 a try."
>
>
> "All in all, even with the cost of the added filters and MS-8 speaker, I
> believe the R75 to be a superior receiver, preferable in many ways to the
> more expensive Drake R8B, and with better coverage and cosmetics. Having
> owned two Drake receivers previously, as well as two Kenwoods and a Yaesu,
> I must say that the Icom R75 remains my hands-down favorite of them all."
>
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>
> A short comment from Bj?rn Danielsson, Sweden on his new IC-R75 . English
> is a bit broken ...but you can figure out what he is saying.
>
> "I have one since 1 week. And I am very satisfied with it so far.Yes it
> has 99 mem + 2 memories for scan edge. Is not 99 enough? I think it will
> be nice for me. Yes it can scan between 2 freqs and memory scan and on
> selected memories too like the R72 did. I can?t compare it to other radios
> execpt for my old Icom R72. And the R75 is much better than the R72.
> Better sound quality, almost noting background noise on the audio. The R72
> had a lot of noise. The squelch is selectable between squelch and RF-gain
> or both at the same time. But I have RF-gain at max and only squelch on
> the squelch !! :-) If you buy one don?t forget to buy the DSP at the same
> time. It has Noise reduction and auto notch. I don?t know why they have it
> as option, it should have been in it at first."
>
> Bj?rn Danielsson, Sweden

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>
> A note from Johan Letterst?l in Sweden on the Bandwidth scheme ..sounds
> like good news here ??
>
> As for the bandwidth scheme:
> The standard R75 comes with 15k and 2.4k in 9MHz 2nd IF and 15k, 6k and
> 2.4k in 455kHz 3rd IF.
>
> There are one empty spare slot for both IF's. I've added a 1.9k narrow SSB
> filter in 2nd IF. Actually I'm considering stripping my R71, moving both
> the 2.4k 455k crystalfilter (Inrad FL44 substitute) and a 4k 9M
> crystalfilter to the R75. R75 gives you the ability to tailor each of the
> bandwidths (wide, normal, narrow) with any combination of 9MHz and 455kHz
> filters. Eg for AM I've choosed 15+6, 2.4+2.4 and 1.9+2.4 respectively.
> Johan
> (Thank You Johan for the information)
>
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>
> Johan Letterst?l in Sweden with his promised comments on his new IC-R75 .
> Well it looks like the audio and Sync circuit both.."Stink"..oh well so
> much for wishful thinking. Want the best audio , looks like the AR 7030 is
> still the winner on the market..A Big "Thank You" Johan for the
> input.......DaveZ
>
> The following are my first impressions and comments on the R75 after about
> 10 hours of usage, including some comparisions with my other units, the
> AOR AR7030(standard w NB/notch) and the Icom R71(w/o PLAM). The review is
> based on PURE LISTENING (BC-stations, mostly AM) and not any scientific
> A/B testing. The R75 is equipped with the optional DSP and a optional
> 1.9kc filter in 2nd IF. The antenna is an 8 m(27ft) random wire with
> coax-feed and balun. For specifications and technical details, please
> refer to the Icom US website (link below..) or other sources.
>
> First look:
> The R75 is small and light. The look and styling of the exterior is very
> nice although it doesn't have the robustness of the 7030. The buttons are
> the "rubber-type", but feels distinct and has a good "feedback". The main
> dial is ok, but the R71's big "free-wheel" is still superior. Also the
> solid metal knob of the 7030 has a better feeling. The other two knobs are
> quite small and I did have some minor difficulties to operate them (big

> fingers?). (No rotary encoders here, Davez! ;-){Good to hear that.but if
> optical encoders were used I would not care....DaveZ}
>
> On the rear you will find the ordinary connectors for antennas, PC,
> recorder, speaker etc. "Why didn't Icom label them?" I asked myself, until
> I took a close look on the serial number label! The layout is shown there!
> The R75 has a traditional front panel with the "one control=one function"
> concept, compared to the 7030 which uses very few controls and a complex
> menu-system with lots of up and down toggling. The similarity to the
> "older brother" R71 is obvious in some cases and if you're a R71 user, the
> step to the R75 is a short step.
>
> The manual for the R75 is ok (but far from the excellent 7030
> manual).Schematic is not included (not even a blockdiagram).{that
> stinks...DaveZ}
>
> Usage:
> The first thing that 'hits' you at power up, is the display. Large, clear
> and with a nice background illumination. All the settings of the receiver
> are shown on the display. Icom calls it a "function display" and that's
> what it is! I especially enjoyed the S-meter with its 'peak hold'. R75
> really wins here. The method of selecting bandwidth seems to be taken
> directly from the R71. Each mode has three bandwidhts; wide, normal and
> narrow. Contrary to the R71, R75 gives you the possibility to combine the
> filters (15kc, 2.4kc, Spare in 2nd IF and 15kc, 6kc, 2.4kc, Spare in 3rd
> IF) for each bandwidth and mode. Eg for AM you could set 15kc+6kc,
> 15kc+2.4kc and 2.4kc+2.4kc for wide, normal and narrow respectively. The
> filter setup is very versatile and installing optional filters are easy.
> But, even this, I might still prefer the 7030 with its (up to) six filters
> and the excellent calibration feature. I lack a wider filter in either IF
> (2.8-3.3). The difference is very small, but points goes to AOR.
>
> What about the twin-pbt? Again an heritage from the R71. The difference is
> that R75 uses two controls (a concentric knob) for moving lower and upper
> portion of the passband. Turning both controls togheter moves the entire
> passband. Works fine and it's much better than the R71 PBT. The 7030 uses
> one control and most importantly, shows the passband offset on the
> display. You see what your'e doing (aka WYSIWYG!).
>
> Entering frequency with the keypad works fine, but Icom should have
> included a kHz button as well. To enter for example 15565 kHz, you have to
> punch 1 5 5 6 5 0 0 ENT or 1 5 . 5 6 5 ENT. Another ex: 1100 kHz would be
> 1 1 0 0 0 0 ENT or 1 . 1 ENT. Other settings (and there are a lot), such
> as tuning steps, beep level, cw pitch, dimmer etc, are done in a setup
> menu. Very user-friendly and easy to use!
>
> The performance:
> Audio: The R75 has a SMALL front mounted speaker (Icom US webpage calls it
> large!). The audio output and fidelity are ok and with headphones it's
> even better. I've not tested any external speaker. In general the audio is

> clearly better than the R71 (could it be worse?) but still not better than
> the 7030 (could it be better?). Distorsion shows up when using very narrow
> filters in AM, but that's logical and and could be remedied with the pbt.
> One way of getting nice audio is to use synchronous AM. Turning this on,
> the R75 will disappoint you! Honestly, I CANNOT hear ANY difference
> orimprovement AT ALL! In fact, under certain circumstances, the s-AM will
> instead momentarly distort the audio! Very strange! Do I use it the wrong
> way or?...I suspect that Icom employs "carrier reconstruction" rather that
> "carrier replacement" for the R75 s-AM solution. The s-AM on the 7030 is
> superior and more versatile by all measures (even taking the disturbing
> low level heterodyne in account) The attack- and decay time for AGC fast
> and slow seems to be right and I'm satisfied with them. {This is bad news
> indeed on the Sync Detection Circuit....Davez)
>
> The optional DSP has two functions; noise reduction and automatic notch.
> The notch isn't operational in AM according to the manual, but that's not
> 100% true! Certain het's are reduced completely, others not. It seems to
> be some limitations within the passband (perhaps due to the notch being
> optimizedfor SSB bandwidths, not AM at 6kc). Well, it works to some
> degree. Compared to my MFJ-784B DSP, the MFJ is of course better and more
> aggressive in hunting and eliminating het's. The noise reduction works
> very well, also compared with the MFJ. The levelis variable between 1 to
> 15 (dB?) and at 5 the reduction is sufficient. Asin any DSP, you will get
> 'echoing' or 'hollowness', when you increase the reduction level to
> maximum.
>
> I would rate the R75 sensitivity as good and high enough for serious
> DX-ing. There are two preamps, +10db and +16dB, that works more and less
> over the entire spectrum (+16dB mainly used for 20+ MHz). Judging from
> S-meter readings and assuming that both S-meters are correctly calibrated
> (YES I know, this is not the right way) the R75 with preamp 1 equals 7030
> w/o preamp on shortwave. With preamp 2, the R75 exceeds the 7030 with
> preamp. On mediumwave, the 7030 is better overall.
>
> At a glance review, 1-5 (bad-excellent):
> Price/performance: 5
> Design: 5
> Controls: 4
> User friendliness: 5
> Sensitivity: 4
> Features: 4
> Specific functions/features:
> Filters: 3-4
> Sync-AM: 2
> DSP: 4
> Setup menus: 5
>
> Johan Letterst?l, Sweden
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>
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> monitoring sites. In one case I was able to pull out a very low powered
> Mongolian station out between a radio station in Shanghai and Helongjiang
> in Northern China! I use the NR and ANF (Automatic Notch Filter) to peek
> the voice level of the announcer along with the TWIN PBT (Passband Tuning
> Controls) to adjust the level of IF to give me the maximum audio level (
> this TWIN PBT wasn't a great help in AM mode but it did help!).
>
> The memory bank space on the R75 is just too small. I don't know what came
> across the folks at ICOM by putting in ONLY 100 slots for programming.
> This is a major drawback. Because of the low memory banks I've started to
> use a PC control software to do large band scans. ICOM messed up here big

> time!
>
> I found the scanning rate as fast as my R8500 and R7100 and the hit rate
> just as good.
>
> The CW audio pitch adjustment also works well and saves me time when
> decoding via my external noise filter (Timewave DSP-599zx) The RTTY
> reverse mode helps me a bit when I screw up the MARK and SPACE signals.
> Also being able to select the RTTY shift helps when tunning a known RTTY
> signal.
>
>
>
> ---

>
> Comments below from Gert Nilsson from Sweden on his IC-R75 . Thanks Gert
> for the input.
>
> Some weeks ago I bought an IC-R75 with the 2,8 and 3,3 kHz filters and the
> DSP. Price around 9000 SKr = 1000$. We are some guys in ?rnsk?ldsvik using
> 6 very long beverage antennas at a very quiet QTH. My friends have NRD
> 515, AOR7030+ and NRD525 receivers and I have made some tests. COMPARISON
> between R71E and R75 R71 with PLAM, 1024 memory board and some extra
> filters, attenuator below 1,6 MHz removed.R75 with DSP, 2,8 kHz filter in
> 9 MHz IF, 3,3 kHz filter in 455 kHz IF, AM band attenuator shorted
> out.These two receivers are rather similar, if you are used to the R75 you
> will enjoy tuning the R75. If you do not like the menus/remote control of
> the AOR AR7030+ the R75 is a receiver for you.
>
> Sensitivity:My R71 is as sensitive as the AR7030, NRD515 and NRD 525. The
> R75 is even more sensitive. I have tried stations down in the noise and
> you definitely here them first on the R75. It has 2 different
> preamplifiers: Preamplifier 1 uses 2 JFET in parallel in a grounded gate
> configuration and I still have to se it crossmodulate. Preamplifier 2 can
> be used on all bands but it is intended for low noise operation above 20
> MHz. It is an broadband IC amplifier with almost 20 dB amplification and
> very low noise, but it can not be used on crowded bands like the AM band
> during evening and night hours. It is perfect in a low signal environment.
> The specs for the R75 says 5,6 uV for AM below 1,6 MHz. With the
> attenuator removed it is very hot down to the lower frequency limit. ICOM
> has made a CP = Connection Point on the main board. If you short this
> connection point the attenuator is removed.The R75 has very quiet AF
> amplifiers, no broadband hiss like the NRDs which make readability of weak
> signals better.
>
> Selectivity:The R75 has 15 kHz filter in the 9 MHz IF ahead of the Noise
> gate, then follows the other 9 MHz filters, 2,4 kHz and one optional.
> Third IF has 15 kHz and 6 kHz filters with 450 kHz center frequency (very
> cheap Murata filters) and a 455 kHz Murata CFJ455K5 2,4 kHz in other

> receivers but just 2,1 kHz in the R75. Any mode can use 3 different
> settings: narrow, normal and wide and you can choose yourself. The only
> limitations are that you can not use the 455 kHz filters in the S-AM (more
> about that later). Selectivity is very good. My 3,3 kHz filter has very
> steep shirts.
>
> Passband tuning:The PBT of the R71 adjusts the width of the filters, if
> you do not have a wide extra filter in the 9MHz IF or bypass these
> filters. The R75 has twin PBT with 2 concentric knobs. If you turn both
> the same amount in the same direction you just move the passband, like the
> Drake receivers or the 7030. You can move it +/- 1,29 kHz in 15 Hz steps.
> If you turn one of the knobs or turn the knobs in different directions you
> can tailor the bandwidth and move the position of the passband
> simultaneously. With the 2,8 + 3,3 kHz any bandwidth between 1,5 and 2,8
> kHz is possible. This is similar to the NRD535. I think the PBT works
> great. It works best with the optional 455 kHz filters.
>
> Frequency control:The R71 has 10 Hz, 50 Hz (when tuning fast), 1 kHz and 1
> MHz steps. The R75 has fine tuning of 1 or 10 Hz, coarse tuning selectable
> 0,1, 1 , 5, 6.25, 9, 10 12.5, 20, 25 and 100 kHz and band tuning in 1 MHz
> steps. You can have different steps in all modes. Tuning accuracy:The R71
> tunes in 10 Hz steps and a has 10 Hz accuracy if you have PLAM and learn
> to count the marks on the tuning control. The R75 tunes and shows 1 Hz.
> The only indication of correct tuning is by ear so I would say 10 Hz is a
> realistic accuracy. My R75 shows the correct frequency at 500 kHz but is
> 15 Hz high at 30 MHz. I have not tried to correct this.
>
> Stability:The R71 drifts about 60-70 Hz from turn on. The R75 drift is
> within 10 Hz.AM/S-AM:Of course much better audio in the R75, but I can't
> see any major difference between AM and S-AM. Icom uses a Stereo IC to
> restore the carrier. Not close to PLAM. In fact the R75 sounds so good in
> USB/LSB I always receive AM stations in the SSB mode with 2,8 or 3,3 kHz
> filters. The DDS is very clean and the audio is very clear and open in
> SSB. If you have 2 or more stations on an AM channel it is much easier to
> separate them with the R75. I think ICOM should try another solution to
> synchronous AM, preferably with a small lock in range. If I have 2
> stations 50 Hz apart I can lock on either of them with the R71 PLAM which
> functions very good.
>
> Noise blanker:The NB works fine on impulse noise on both receivers. The
> R71 NB is adjustable the R75 is not. The R75 NB also distorts strong
> signals (when it is not needed).
>
> DSP:The NR can be adjusted between 0 and 15. A setting of 3 to 5 works
> fine, but I personally think it is a disappointment. When you press the NR
> button it sounds very good when the noise drops a lot but in fact all
> audio get weaker so the difference is just a few dBs. Still it can make
> the difference when signals are very weak. Like all kind of DSP the sound
> is a little strange to listen to. The ANF, the automatic notch filters, is
> quite good and eliminates most heterodynes, very easy to use.

>
> Crossmodulation:No problems unless you use the Preamplifier 2 on crowded
> bands .
>
> Not so good:The concentric knobs for the Twin PBT are not very easy to use
> with big fingers like mine. The pressure needed to push a button is a
> little to much. I like the R71 much better.
>
> Recommendations:If you like to tune to hard to get stations on crowded
> bands I think an extra filter in the 455 kHz IF is a must. If you have to
> compromise I think a 2,8 kHz filter is a good compromise. At 50$ the DSP
> is clearly worth the money. If you are a BC DX-er you should try to remove
> the attenuator. If you have troubles with local stations it is very easily
> restored to the original.
>
>
>
>
>
> _____
> Do you Yahoo!?
> Yahoo! Mail Plus - Powerful. Affordable. Sign up now.
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>
>
>

3303. Re: Heres a Review for everyone I ran across

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-22 21:18:27 UTC
From: craigm55901 <camenning@charter.net>
Topic: 3301 Message: 3303

--- In icomr75@yahoogroups.com, John Pickrell <jmpickrell@c...> wrote:
> To All,
>
> I culled this paragraph from The Internet Repair Shop's" reviews in an
> earlier email and would like comments and observations on its accuracy.
>
> "Another observation I have made with regard to the R75's sync-AM
> function, is that it works MUCH better with signals which are lowered by
> the RF gain control. I have found that the sync circuit seems to be
> effective only on signals that "peak" below S10 on my bar-graph meter
> scale. In other words, by using the RF gain to suppress the signal level
> so that it only drives the meter to around S-7 or so, THEN engaging the
> Sync feature, the results are noticeably improved. Of course, the volume
> control must be appropriately increased due to the reduced RF signal, in
> order to maintain adequate audio levels, but this is a minor
> inconvenience. I have noticed that when the "S" character on the display
> is blinking, the sync detector is working and effective under the above
> conditions. When it is not blinking, the sync is not active and I
further
> reduce the RF gain until it blinks on all but the received signal's
> peaks."
>
> Thanks.
>
>
> John Pickrell

Completely wrong. When the "S" blinks, the radio has switched to AM
mode and is not using the sync detector.

There may be more merit to the fact the AGC may (or may not) behave
differently under these circumstances. This could give the impression
that the sync detector is working. Rather, the AGC may be performing
better.

Craig

3304. Re: [icomr75] Re: Heres a Review for everyone I ran across

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-22 21:29:47 UTC
From: John Pickrell
Topic: 3301 Message: 3304

Craig,

That was my observation and the manual "almost" says that.

John P.
----- Original Message -----
From: craigm55901 <camenning@...>
To: icomr75@yahoogroups.com
Sent: Sunday, December 22, 2002 4:18 PM
Subject: [icomr75] Re: Heres a Review for everyone I ran across

--- In icomr75@yahoogroups.com, John Pickrell <jmpickrell@c...> wrote:
> To All,
>
> I culled this paragraph from The Internet Repair Shop's" reviews in an
> earlier email and would like comments and observations on its accuracy.
>
> "Another observation I have made with regard to the R75's sync-AM
> function, is that it works MUCH better with signals which are lowered by
> the RF gain control. I have found that the sync circuit seems to be
> effective only on signals that "peak" below S10 on my bar-graph meter
> scale. In other words, by using the RF gain to suppress the signal level
> so that it only drives the meter to around S-7 or so, THEN engaging the
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> order to maintain adequate audio levels, but this is a minor
> inconvenience. I have noticed that when the "S" character on the display
> is blinking, the sync detector is working and effective under the above
> conditions. When it is not blinking, the sync is not active and I
further
> reduce the RF gain until it blinks on all but the received signal's
> peaks."
>
> Thanks.
>
>
> John Pickrell

Completely wrong. When the "S" blinks, the radio has switched to AM
mode and is not using the sync detector.

There may be more merit to the fact the AGC may (or may not) behave
differently under these circumstances. This could give the impression
that the sync detector is working. Rather, the AGC may be performing
better.

Craig

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[Non-text portions of this message have been removed]

3305. Re: Sittin' on the side

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-22 22:02:50 UTC
From: just_rtfm <just_rtfm@yahoo.com>
Topic: 3286 Message: 3305

howdy John:

thanks for the broomstick antenna info. as for the UT-102, you may
want to set the speed to high. i am glad you're happy with the murata
filter! it has pretty good specs.

regards,
phil :)

3306. RE: [icomr75] Re: Heres a Review for everyone I ran across

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-22 23:32:11 UTC
From: Stan Tyks
Topic: 3301 Message: 3306

Hello Group,

I've been lurking here on this group for a few months now, reading everyone's posts regarding the problems with the R75 sync detector. I have an un-moded stock R75 that I've owned for almost a year now and I can verify that John is correct when he said that the synchrounos detector IS FUNCTIONING when the S-AM indicator is blinking. This how my unit has always worked right out of the box without any mods. The R75 manual says this on page 14.
Here's how I discovered that the sync-am works right out of the box: I used my radio for about 3 months with a 90 ft. random wire which runs around the outside of my house with a coax lead-in and grounded with an 8ft ground rod right where the coax feeds into my home. I was getting pretty good dx results with this setup but was considering doing phil's sync and agc mods because I wanted to get sync-am working to reduce the fading. Then one day as I was re-reading the R75 manual, I noticed that it said on page 31 that the sync detector works when the signal level is poor. I thought about it and wondered if reducing the RF gain to simulate a poor signal would make a difference and lo and behold it did! I discovered that if I tuned in a fairly strong signal that was fading in and out and then pushed the AM button so that S-AM was displayed solid, then reducing the RF gain slightly 1 1/2 to 2 hash marks to the left, the "S" started blinking and the fading was almost completely eliminated. I then raised the AF volume control slightly to compensate. When I returned the RF gain to full, the station started fading again. I would have to admit that I discovered this with almost no help from the R75 manual. There is only that slight hint on page 31 that mentions the Sync detector works only when the signal level is poor. It is easy to come to the conclusion that the S-AM is non functional when you press the button and nothing happens. I assume that 99% of R75 users have come to this conclusion thus giving the R75 such a bad reputation as far as sync-am is concerned. Let me say that I think the R75 is a fantastic radio which I love to listen to and operate.
I started out with a Sangean ATS-909 which is pretty good, but the R75 runs circles around it even using the same outside antenna.

I would like to hear from anyone who has a stock R75 and can reproduce these results on their radio. Perhaps Icom really did include a working sync detector in the R75 but failed miserably to describe how to enable it in the manual.

Best Regards and 73's

Stan Tyks
Santa Cruz CA.

-----Original Message-----
From: craigm55901 <camenning@...> [mailto:camenning@...]
Sent: Sunday, December 22, 2002 1:18 PM
To: icomr75@yahoogroups.com
Subject: [icomr75] Re: Heres a Review for everyone I ran across

--- In icomr75@yahoogroups.com, John Pickrell <jmpickrell@c...> wrote:
> To All,
>
> I culled this paragraph from The Internet Repair Shop's" reviews in an
> earlier email and would like comments and observations on its accuracy.
>
> "Another observation I have made with regard to the R75's sync-AM
> function, is that it works MUCH better with signals which are lowered by
> the RF gain control. I have found that the sync circuit seems to be
> effective only on signals that "peak" below S10 on my bar-graph meter
> scale. In other words, by using the RF gain to suppress the signal level
> so that it only drives the meter to around S-7 or so, THEN engaging the
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> order to maintain adequate audio levels, but this is a minor
> inconvenience. I have noticed that when the "S" character on the display
> is blinking, the sync detector is working and effective under the above
> conditions. When it is not blinking, the sync is not active and I
further
> reduce the RF gain until it blinks on all but the received signal's
> peaks."
>
> Thanks.
>
>
> John Pickrell

Completely wrong. When the "S" blinks, the radio has switched to AM
mode and is not using the sync detector.

There may be more merit to the fact the AGC may (or may not) behave
differently under these circumstances. This could give the impression
that the sync detector is working. Rather, the AGC may be performing
better.

Craig

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3307. Re: [icomr75] Heres a Review for everyone I ran across

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-23 00:51:23 UTC
From: Bill Brady
Topic: 3301 Message: 3307

John Pickrell Wrote:

"Another observation I have made with regard to the R75's sync-AM function, is that it works MUCH better with signals which are lowered by the RF gain control. I have found that the sync circuit seems to be effective only on signals that "peak" below S10 on my bar-graph meter
---

My "S" bar graph goes UP when I turn the RF gain control down (CCW), Hmm... I have the 2.1 mods. When the S in S-AM is blinking the R75 is definitely loosing lock as indicated by the growl.

The only way I can get the S to blink on a strong station is to detune.

-- --Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Happy Holidays all!

[Non-text portions of this message have been removed]

3308. RE: [icomr75] Heres a Review for everyone I ran across

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-23 01:17:57 UTC
From: Stan Tyks
Topic: 3301 Message: 3308

Bill,

Be sure you have the AGC turned on when you lower the RF gain.
Or possibly your radio may work differently with the mods installed.
My R75 performs as John Pickrell describes but it is a stock radio with no mods.

Stan

-----Original Message-----
From: Bill Brady [mailto:wmbrady@...]
Sent: Sunday, December 22, 2002 4:51 PM
To: icomr75@yahoogroups.com
Subject: Re: [icomr75] Heres a Review for everyone I ran across

John Pickrell Wrote:

"Another observation I have made with regard to the R75's sync-AM function, is that it works MUCH better with signals which are lowered by the RF gain control. I have found that the sync circuit seems to be effective only on signals that "peak" below S10 on my bar-graph meter
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-- --Wm. "Bill" Brady, Harwood MD 38?51'30"N 76?41'00"W - Happy Holidays all!

[Non-text portions of this message have been removed]

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3309. Re: [icomr75] Heres a Review for everyone I ran across

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-23 02:12:34 UTC
From: John Pickrell
Topic: 3301 Message: 3309

Hey Guys,

Before I get praised (or tarred and feathered) all I did was copy a paragraph out of a review. I've read the manual: page 14 says: ""S-" blinks when the automatic mode selection between S-AM and AM modes is in use. Page 31 says: "The S-AM mode can be detected with the standard AM detector automatically when the signal level is poor. (En)"

This (kinda) implies that when the "S-" flashes the S-AM detector is activated. I've not been able to tell so far. We need a definitive answer.

Anyway, if there are any "Kudos" out there I'm not the one who deserves them.

John Pickrell

----- Original Message -----
From: Stan Tyks
To: icomr75@yahoogroups.com
Sent: Sunday, December 22, 2002 8:17 PM
Subject: RE: [icomr75] Heres a Review for everyone I ran across

Bill,

Be sure you have the AGC turned on when you lower the RF gain.
Or possibly your radio may work differently with the mods installed.
My R75 performs as John Pickrell describes but it is a stock radio with no mods.

Stan

-----Original Message-----
From: Bill Brady [mailto:wmbrady@...]
Sent: Sunday, December 22, 2002 4:51 PM
To: icomr75@yahoogroups.com
Subject: Re: [icomr75] Heres a Review for everyone I ran across

John Pickrell Wrote:

"Another observation I have made with regard to the R75's sync-AM function, is that it works MUCH better with signals which are lowered by the RF gain control. I have found that the sync circuit seems to be effective only on signals that "peak" below S10 on my bar-graph meter
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-- --Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Happy Holidays all!

[Non-text portions of this message have been removed]

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3310. Re: [icomr75] Heres a Review for everyone I ran across

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-23 03:10:24 UTC
From: Gert Nilsson
Topic: 3301 Message: 3310

This means the S-AM circuit is switched off when it blinks and the common AM detector is switched in when signals are poor and lock is lost. The fact that it sounds better when RF gain is reduced is that a steady DC level is applied to the AGC line and override the derived AGC. This is a good way to get better reception when you have fluttering signals. Even better if the AGC is turned off.

By the way my meter also rise when the RF gain is turned back. All Icoms I have used operate like that.
----- Original Message -----
From: John Pickrell
To: icomr75@yahoogroups.com
Sent: Monday, December 23, 2002 2:12 AM
Subject: Re: [icomr75] Heres a Review for everyone I ran across

Hey Guys,

Before I get praised (or tarred and feathered) all I did was copy a paragraph out of a review. I've read the manual: page 14 says: ""S-" blinks when the automatic mode selection between S-AM and AM modes is in use. Page 31 says: "The S-AM mode can be detected with the standard AM detector automatically when the signal level is poor. (En)"

This (kinda) implies that when the "S-" flashes the S-AM detector is activated. I've not been able to tell so far. We need a definitive answer.

Anyway, if there are any "Kudos" out there I'm not the one who deserves them.

John Pickrell

----- Original Message -----
From: Stan Tyks
To: icomr75@yahoogroups.com
Sent: Sunday, December 22, 2002 8:17 PM
Subject: RE: [icomr75] Heres a Review for everyone I ran across

Bill,

Be sure you have the AGC turned on when you lower the RF gain.
Or possibly your radio may work differently with the mods installed.
My R75 performs as John Pickrell describes but it is a stock radio with no mods.

Stan

-----Original Message-----
From: Bill Brady [mailto:wmbrady@...]
Sent: Sunday, December 22, 2002 4:51 PM
To: icomr75@yahoogroups.com
Subject: Re: [icomr75] Heres a Review for everyone I ran across

John Pickrell Wrote:

"Another observation I have made with regard to the R75's sync-AM function, is that it works MUCH better with signals which are lowered by the RF gain control. I have found that the sync circuit seems to be effective only on signals that "peak" below S10 on my bar-graph meter
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My "S" bar graph goes UP when I turn the RF gain control down (CCW), Hmm... I have the 2.1 mods. When the S in S-AM is blinking the R75 is definitely loosing lock as indicated by the growl.

The only way I can get the S to blink on a strong station is to detune.

-- --Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Happy Holidays all!

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

3311. Reading the manual-very necessary

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-23 04:10:35 UTC
From: k8dxn <k8dxn@charter.net>
Topic: 3311 Message: 3311

Well I just deleted the script of what was to be a post on strange things happening with my UT-102 in my R75. I was taking notes on what was happening with it when I decided to reset the processor thinking that was necessary. While looking the procedure up in the manual I came across the set menu and found the answer to my "problem". My unit was reading out the signal strength and I have never had a module do that before. Man these thing are cool! I am going to look up the set menu for my 746 Pro and see if it does that in that rig as I have a UT-102 to install there also . I disabled the s-unit announcment as it is at the start of the announcement and I would rather hear the freq. first. Just thought I'd share my experiences of being a "newbie" to the R75. When in doubt read the manual, twice even to get the wording correct as sometimes the translations are different depending on where you live. I wish all a very safe and happy holidays, Rick.

3312. ¡Keep the good work and Happy Holidays

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-23 04:44:18 UTC
From: vargasvidal <vargasvidal@eveloz.com>
Topic: 3312 Message: 3312

Well, greetings from Panama.

I am glad Mr Parnass appears here (pls, pardon my english writing). He usually is read on the icom r2 page, which I belong to.

I do not have an icom r75. I pray, first, to get the money and, secondly, to buy the best radio I can with that money. This is the reason why I keep reading this column. And I think Icom R75 is indeed a very good radio and, after mods, an excellent one.

I am own a Yaesu FRG-7. I feel glad about this radio is very good. ¡We can not get better things from the past! I have owned the Grundig Satellit 600, the Hallicrafter SX-130 and all of the Sony portables radios, except the SW-77. And the Yaesu is still something good in many ways, except for the IF bandwith filter. Which I have not been able to change, yet, because I do not find it. I was told a Murata CFM455I will do the job.

Somebody else wished to know about the rating of another icom. A transceiver. You all can go to eham.net There, in product reviews, you can find many good answers.

Happy Christmas and New Year to all, especially Phil and Guy. I wish I had their talent with radios. But I had to be many things in life after my devotion for radios.

God bless all of you for the good will you have.

Take care,

Carlos Vargas Vidal

3313. Re: EBAY----No Way!!!

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-23 08:00:38 UTC
From: labdog98f <scannerfreq@worldnet.att.net>
Topic: 3271 Message: 3313

Well,

I got the radio Friday, and they DID do it for the $439 price after $60 gift certificate, so I only paid $450 total! The DSP unit is on back order so I will have to wait a little bit on that side of it. Rick, did you have to wait for your DSP?

I have not had a chance to play with the new toy yet. Saturday was my oldest daughter's 3 year B-day so that took ABSOLUTE precedence over the radio. Quick question for the group: where are you getting the "desk/consoles" that you use for your radios? I have seen lots of pics in various radio mags of stations with multiple "shelves" for the radios yet still have room for writing, working, etc.

Glad to FINALLY be a true member of the group!

Scott

--- In icomr75@yahoogroups.com, "k8dxn <k8dxn@c...>" <k8dxn@c...> wrote:
> I checked out the price on that "special" bargin on ebay. Wow!! I
> wonder if labdog98f got his R75 for the same price I did. If you
> read this please let me know if they took the extra $60 off on yours
> like they did for me. I think that they would as they are really
> good people to deal with. $449 and some change including the
> shipping and the free DSP. I just got it in this evening and have
> it running in the shack now. I will put the DSP in tomorrow.

3314. Re: [icomr75] Heres a Review for everyone I ran across

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-23 08:06:22 UTC
From: Bill Brady
Topic: 3301 Message: 3314

Stan,

> Be sure you have the AGC turned on when you lower the RF gain.

I tried it both ways.

> Or possibly your radio may work differently with the mods installed.
> My R75 performs as John Pickrell describes but it is a stock radio with no
> mods.

Yeah, I'm wondering too.

-- --Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Happy Holidays
all!

[Non-text portions of this message have been removed]

3315. Kiwa Mods Filter Setting

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-23 10:35:45 UTC
From: woody07823 <freilich@pica.army.mil>
Topic: 3315 Message: 3315

Hello all,
I've had my R-75 for about a year and after recommendations from this group and other news groups had the Kiwa Mods done.
I was listening around yesterday and got to playing with the filter setting menu on the radio. Guess I shouldn't have done that because now I have no idea if I changed them or not.
Could some kind soul give me the setup for best performance (as it should appear on the R-75's display) of all the filter settings with the Kiwa 3.8 in place.
Sorry for such a stupid question but this filter thing really has me confused.
I don't understand why there are 2 settings for each mode.
Thanks in advance,
Lenny

3316. Filter Settings-- Guidelines?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-23 13:22:14 UTC
From: Guy Atkins
Topic: 3316 Message: 3316

I've seen a lot of questions on the R75 group about "proper" setting of the filters at the 9 MHz and 450/455 I.F. stages.

Perhaps there exists, or should be developed, some simple guidelines for filters in the receiver? For instance, as I understand it, most receivers with multiple stages (I.F.'s) of filtering begin with wider filters and then progress through narrower filter in the signal chain. If this is generally true, then a radio hobbyist who has a basic understanding of effective bandwidths (ie., 2.4 is very narrow & muffled for AM audio, but it's a nice wider BW for SSB, AM sounds rich and full at 6 kHz and above, etc.) could consider the filters in his R75 and easily determine the settings for each mode.

If a simple guideline or "rule of thumb" was available for determining the filter settings irregardless of the array of optional filters installed in an R75, then that could make it a lot easier for individuals to configure their ICOM.

Am I dreaming here, or is there actually some rhyme or reason behind "proper" filter arrangments? I know that cascaded filters in Lowe & AOR receivers, as well as Kiwa's filter modules use progressively narrow filters in the signal path (even if all filters are at the same I.F.). In the R75, when there are multiple, wider filters in the stages above the final I.F., I think it's better to choose the narrowest of the wider filters. That is, if the final filter is 2.4 kHz, and there are 15 & 2.4 kHz filters available before the final I.F, then choose the 2.4 rather than the 15 kHz filter for the best selectivity.

I'm not implying I have the answer here, just that there ought to be a plan that anyone can follow. The bottom line should be achieving a mode-appropriate final bandwidth, resulting in the best shape-factor and ultimate-rejection figure possible.

Guy Atkins
Puyallup, WA USA

3317. Audio Perfection/Equalization

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-23 14:07:05 UTC
From: theshopt <theshopt@yahoo.com>
Topic: 3317 Message: 3317

```
================================================================
Does anyone know of anything available in the GRAPHIC EQUALIZER area
allowing only the voice spectrum to be tailored for Super Quality
sounding audio? I Know Phil came up with the Audio Filter which I did
and really like and highly commend him for that project.

Now the next step, being a Ham, I hear Sub-Audible Tones being send
for CTCSS Squelch on some 10 Meter repeaters.

Also wanting to apply a design and/or Product to create/purchase a
BANDPASS/BAND REJECT Audio filter to Taylor the Audio on all my
radios, not independently, but as a whole.

My Idea is a 35 Watt Audio Amp (which I have) running the Audio from
2 R75s and 3 Scanners thru a Mixer/Equalizer, perhaps a 5 BAND EQ
would be sufficient or maybe more is needed?. Then run the processed
Audio from the EQ-ED Audio to the input of the 35 Watt Audio Amp to a
Super Quality Speaker. The MASTER Volume Control could then control
all 5 Receivers (or more) without having to adjust ALL the recievers,
but only once for a favorite listening level. The MASTER would then
either Turn everything up or Turn everything down.

Wonder if anyones's experimented with anything like this? Been
thinking about it for a while. One area I'm really interested in is
HISS LEVEL Elimination, without taking any voice out.

Perhaps coming directly off the Discriminator with a LINE-OUT is a
Solution? Most of the Audio Amps in all recievers seems to be of poor
design looking at the schematics. It might be worthy to Grab the
Audio right off the reciever before it gets to the interal amps.

Also the SUB-AUDIBLE Tones on my Scanners are annoying if the
scanners are pugged into a lager speaker or good enclosure. The
cabinet themselves resonate the tones! Some inout from you
experimenters on this fine group would really be interesting! Keep up
the good Projects and goos DX-ing!

Andy
WB0OAF Radio
South Dakota
============
================================================================
```

3318. Re: [icomr75] Reading the manual-very necessary

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-23 15:14:01 UTC
From: Russ Kiehne
Topic: 3311 Message: 3318

I'm blind and just received my R75 last Friday via UPS. Having the Ut-102
is great! This is the first time I was able to get a s meter reading.
Being able to tune the band and know what frequency I'm listening too.

Russ
----- Original Message -----
From: <k8dxn@...>
To: <icomr75@yahoogroups.com>
Sent: Sunday, December 22, 2002 8:10 PM
Subject: [icomr75] Reading the manual-very necessary

> Well I just deleted the script of what was to be a post on
> strange things happening with my UT-102 in my R75. I was taking
> notes on what was happening with it when I decided to reset the
> processor thinking that was necessary. While looking the procedure
> up in the manual I came across the set menu and found the answer to
> my "problem". My unit was reading out the signal strength and I have
> never had a module do that before. Man these thing are cool! I am
> going to look up the set menu for my 746 Pro and see if it does that
> in that rig as I have a UT-102 to install there also . I disabled
> the s-unit announcment as it is at the start of the announcement and
> I would rather hear the freq. first. Just thought I'd share my
> experiences of being a "newbie" to the R75. When in doubt read the
> manual, twice even to get the wording correct as sometimes the
> translations are different depending on where you live. I wish all a
> very safe and happy holidays, Rick.
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

3319. Re: [icomr75] Re: Heres a Review for everyone I ran across

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-23 17:20:56 UTC
From: Bruce Jensen
Topic: 3301 Message: 3319

```
--- John Pickrell <jmpickrell@...> wrote:
> Craig,
>
> That was my observation and the manual "almost" says that.
>
> John P.
> ----- Original Message -----
> From: craigm55901 <camenning@...>
> To: icomr75@yahoogroups.com
> Sent: Sunday, December 22, 2002 4:18 PM
> Subject: [icomr75] Re: Heres a Review for everyone I ran across
>
>
> --- In icomr75@yahoogroups.com, John Pickrell <jmpickrell@c...> wrote:
> > To All,
> >
> > I culled this paragraph from The Internet Repair Shop's" reviews in
> an
> > earlier email and would like comments and observations on its
> accuracy.
> >
> > "Another observation I have made with regard to the R75's sync-AM
> > function, is that it works MUCH better with signals which are
> lowered by
> > the RF gain control. I have found that the sync circuit seems to be
> > effective only on signals that "peak" below S10 on my bar-graph
> meter
> > scale. In other words, by using the RF gain to suppress the signal
> level
> > so that it only drives the meter to around S-7 or so, THEN engaging
> the
> > Sync feature, the results are noticeably improved. Of course, the
> volume
> > control must be appropriately increased due to the reduced RF
> signal, in
> > order to maintain adequate audio levels, but this is a minor
> > inconvenience. I have noticed that when the "S" character on the
> display
> > is blinking, the sync detector is working and effective under the
> above
> > conditions. When it is not blinking, the sync is not active and I
> further
> > reduce the RF gain until it blinks on all but the received signal's
> > peaks."
> >
```

> > Thanks.
> >
> >
> > John Pickrell
>
>
> Completely wrong. When the "S" blinks, the radio has switched to AM
> mode and is not using the sync detector.
>
> There may be more merit to the fact the AGC may (or may not) behave
> differently under these circumstances. This could give the impression
> that the sync detector is working. Rather, the AGC may be performing
> better.

Hello fellows - yes, this is factual. Even with the S-AM off, the AGC is greatly improved (and thereby the signal as well) with the RF gain dropped a bit.

Bruce Jensen

_____
Do you Yahoo!?
Yahoo! Mail Plus - Powerful. Affordable. Sign up now.
http://mailplus.yahoo.com

3320. Kiwa MAP Accessory Now a Separate Item on Ebay

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-23 19:37:27 UTC
From: thinkdx <dx@guyatkins.com>
Topic: 3320 Message: 3320

A follow up to an earlier posting of mine:

The seller of the R-71a / Kiwa MAP combo has taken my advice and separated the equipment. The MAP unit alone is at the following web address:

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1947238344

This is a 3-day auction, so I think it'll probably go for less than its worth. It would be a nice item to have with the R75 or any other 455-kHz I.F. receiver.

Besides the cascaded I.F. filters, audio controls and synch AM detection, the MAP accessory contains an excellent speaker. Craig at KIWA tested many different speaker samples for distortion levels, etc. before settling on a particular model to build into this product. I remember being in his shop in 1989 when he was doing audio analysis on a batch of various manufacturers' samples; his high quality standards really left a good impression on me! The MAP unit has an A/B switch to compare raw audio with the processed signal from the MAP.

When I finally get some chores and remaining unpacking out of the way in our new home, I look forward to trying my own Kiwa MAP accessory with my AR7030 and modified R75. I wonder which one will benefit most from the synchronous AM detection & extra I.F. filtering the MAP provides? It's *really* a shame that Kiwa doesn't make this product any more! It's useful for both the DXer and program listener. It was just too expensive to produce (new price was approx. $450 if I recall).

The nearest competitor to the MAP is the Sherwood SE-3; a fine device that improves even venerable receivers like the R390A and WJ HF-1000.

Guy Atkins
Puyallup, WA USA

3321. Re: [icomr75] Filter Settings-- Guidelines?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-23 20:29:00 UTC
From: Bill Brady
Topic: 3316 Message: 3321

Guy Atkins Wrote:

Perhaps there exists, or should be developed, some simple guidelines for filters in the receiver?

Phil's cookbook in the FILES area gives his settings which is what I am using.

-- --Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Happy Holidays all!

[Non-text portions of this message have been removed]

3322. Re: [icomr75] Audio Perfection/Equalization

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-23 20:34:43 UTC
From: Bill Brady
Topic: 3317 Message: 3322

theshopt <theshopt@...> Wrote:

Does anyone know of anything available in the GRAPHIC EQUALIZER area
allowing only the voice spectrum to be tailored for Super Quality
sounding audio?

MFJ just came out with a box. See:

http://www.mfjenterprises.com/products.php?prodid=MFJ-616

Its called the Speech Intelligibility Enhancer

-- --Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Happy Holidays
all!

[Non-text portions of this message have been removed]

3323. Re: [icomr75] Audio Perfection/Equalization

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-23 20:41:38 UTC
From: John Schneider
Topic: 3317 Message: 3323

I don't know if this will fit the bill. I guess it depends on whether or not you pipe the audio through PC speakers. I can most certainly attest to the quality of his SmartIcom 32 software.

http://www.fineware-swl.com/sac.html

John Schneider
thecop@...

----- Original Message -----
From: "Bill Brady" <wmbrady@...>
To: <icomr75@yahoogroups.com>
Sent: Monday, December 23, 2002 3:34 PM
Subject: Re: [icomr75] Audio Perfection/Equalization

theshopt <theshopt@...> Wrote:

Does anyone know of anything available in the GRAPHIC EQUALIZER area allowing only the voice spectrum to be tailored for Super Quality sounding audio?

MFJ just came out with a box. See:

http://www.mfjenterprises.com/products.php?prodid=MFJ-616

Its called the Speech Intelligibility Enhancer

-- --Wm. "Bill" Brady, Harwood MD 38?51'30"N 76?41'00"W - Happy Holidays all!

[Non-text portions of this message have been removed]

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3324. Re: Reading the manual-very necessary

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-23 23:44:25 UTC
From: Jim Hackett <jim_hack@yahoo.com>
Topic: 3311 Message: 3324

I knew this would be the radio for you, Russ. Hope you enjoy it as
much as I enjoy mine.

--- In icomr75@yahoogroups.com, "Russ Kiehne" <wb6niu@1...> wrote:
> I'm blind and just received my R75 last Friday via UPS. Having
the Ut-102
> is great! This is the first time I was able to get a s meter
reading.
> Being able to tune the band and know what frequency I'm listening
too.
>
> Russ
> ----- Original Message -----
> From: <k8dxn@c...>
> To: <icomr75@yahoogroups.com>
> Sent: Sunday, December 22, 2002 8:10 PM
> Subject: [icomr75] Reading the manual-very necessary
>
>
> > Well I just deleted the script of what was to be a post on
> > strange things happening with my UT-102 in my R75. I was taking
> > notes on what was happening with it when I decided to reset the
> > processor thinking that was necessary. While looking the
procedure
> > up in the manual I came across the set menu and found the answer
to
> > my "problem". My unit was reading out the signal strength and I
have
> > never had a module do that before. Man these thing are cool! I am
> > going to look up the set menu for my 746 Pro and see if it does
that
> > in that rig as I have a UT-102 to install there also . I disabled
> > the s-unit announcment as it is at the start of the announcement
and
> > I would rather hear the freq. first. Just thought I'd share my
> > experiences of being a "newbie" to the R75. When in doubt read
the
> > manual, twice even to get the wording correct as sometimes the
> > translations are different depending on where you live. I wish
all a
> > very safe and happy holidays, Rick.
> >
> >
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> >

3325. RE: [icomr75] Re: Heres a Review for everyone I ran across

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-24 01:47:15 UTC
From: Bob
Topic: 3301 Message: 3325

OK, is it just me or is anybody else now confused about whether sync-AM is on or off when the 'S' is blinking? :-)

Seems there is conflicting info. What was the final verdict? Looking for the truth and nothing but the truth. Thanks.

Bob

[Non-text portions of this message have been removed]

3326. Re: [icomr75] Re: Heres a Review for everyone I ran across

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-24 02:11:44 UTC
From: Radostin Danev
Topic: 3301 Message: 3326

Hi Bob,

The trith:
- When the "S-" is blinking the audio is taken from the standard AM detector.
- When the "S-" is steady the audio is taken from the synchronous AM detector.

It should be noted that the "standard" AM uses pseudo-synchronous detector (this is good). The difference in audio quality between the S-AM and AM could be noticed only on selectively fading or very weak stations after the modifications are done.

Regards,

Rado

----- Original Message -----
From: "Bob" <bbarr@...>
To: <icomr75@yahoogroups.com>
Sent: Tuesday, December 24, 2002 10:47 AM
Subject: RE: [icomr75] Re: Heres a Review for everyone I ran across

> OK, is it just me or is anybody else now confused about whether sync-AM
> is on or off when the 'S' is blinking? :-)
>
> Seems there is conflicting info. What was the final verdict? Looking for
> the truth and nothing but the truth. Thanks.
>
> Bob
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
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> To unsubscribe from this group, send an email to:
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3327. FW: [icomr75] Filter Settings-- Guidelines?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-24 01:44:24 UTC
From: Guy Atkins
Topic: 3327 Message: 3327

I've seen Phil's matrix of filter choices...a well-presented table of choices.

However, my posting was mainly inquiring about a simple *guideline* for cascading filters, and I suppose such a rule or rules would work with any receiver that allows independent, chained or cascaded filters. Another way of
looking at it: what criteria to receiver designers use when the cascade filters one after the other? How do they decide on the size & order of filters as optimum for a particular mode (SSB, AM, CW, etc.)?

Guy

3328. Re: [icomr75] Re: Heres a Review for everyone I ran across

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-24 02:31:52 UTC
From: Radostin Danev
Topic: 3301 Message: 3328

Correction:

The "standard" AM detector is quasi-synchronous not pseudo-synchronous. :-)

----- Original Message -----
From: "Radostin Danev" <rado@...>
To: <icomr75@yahoogroups.com>
Sent: Tuesday, December 24, 2002 11:11 AM
Subject: Re: [icomr75] Re: Heres a Review for everyone I ran across

> Hi Bob,
>
> The trith:
> - When the "S-" is blinking the audio is taken from the standard AM
> detector.
> - When the "S-" is steady the audio is taken from the synchronous AM
> detector.
>
> It should be noted that the "standard" AM uses pseudo-synchronous detector
> (this is good). The difference in audio quality between the S-AM and AM
> could be noticed only on selectively fading or very weak stations after
the
> modifications are done.
>
> Regards,
>
> Rado
>
> ----- Original Message -----
> From: "Bob" <bbarr@...>
> To: <icomr75@yahoogroups.com>
> Sent: Tuesday, December 24, 2002 10:47 AM
> Subject: RE: [icomr75] Re: Heres a Review for everyone I ran across
>
>
> > OK, is it just me or is anybody else now confused about whether sync-AM
> > is on or off when the 'S' is blinking? :-)
> >
> > Seems there is conflicting info. What was the final verdict? Looking for
> > the truth and nothing but the truth. Thanks.
> >
> > Bob
> >
> >
> >
> >

> >
> > [Non-text portions of this message have been removed]
> >
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>

3329. Re: Heres a Review for everyone I ran across

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-24 03:02:51 UTC
From: jazzer37_99 <jazzer37@hotmail.com>
Topic: 3301 Message: 3329

Blinking = Normal Envelope Det and trying to aquire sync lock
Non Blinking = Sync Det

The person that posted that these discoveries were made reading
the manual misinterpreted what the manual is saying. On page
14 it says that it blinks when automatic mode selection between
S-AM and AM is in use. This means it is attempting to aquire
sync. When it locks (is syncronized) the blinking stops.

On page 31 under S-AM "En" it states that the standard,
i.e. envelope detector, is used when the signal level is poor.
This means that when the signal level is poor that there is
provision for dropping back to the standard envelope detector
since lock will probably not be possible in this condition,
prior to any mods that is. Therefore the manual is stating
just the opposite of what the other poster was saying. Since
sync det works poorly if at all under poor signal conditions
ICOM set it up to automatically mode select back to envelope
detection, as long as you choose the "en" selection.

Other posters have pointed out that what they're observing is
better AGC action under this condition since without the AGC
mod it works better turned off in this case. What they're doing
is effectively turning it off by reducing the RF level to the
point that it maxes out the AGC.

jazzer

--- In icomr75@yahoogroups.com, "Bob" <bbarr@s...> wrote:
> OK, is it just me or is anybody else now confused about whether sync-AM
> is on or off when the 'S' is blinking? :-)
>
> Seems there is conflicting info. What was the final verdict? Looking for
> the truth and nothing but the truth. Thanks.
>
> Bob
>
>
>
>
>
> [Non-text portions of this message have been removed]

3330. Re: Audio Perfection/Equalization

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-24 03:13:14 UTC
From: just_rtfm <just_rtfm@yahoo.com>
Topic: 3317 Message: 3330

for graphic equalization try out SR5 (link below). the filter mode
allows you to shape the bandwidth anyway you like using the mouse.

http://www.ar5.ndirect.co.uk/html/sr5.html

regards,
phil :)

3331. Re: [icomr75] Re: Reading the manual-very necessary

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-24 03:30:50 UTC
From: Russ Kiehne
Topic: 3311 Message: 3331

I have a strange thing happening with mine! I had a friend configure it so I can use both the rf gain and squelch. I noticed when I get a S meter reading with or without the antenna connected, rf gain turned all the way down, I get plus 60! How is it I can get such a strong signal reading with the rf gain turned down?
----- Original Message -----
From: <jim_hack@...>
To: <icomr75@yahoogroups.com>
Sent: Monday, December 23, 2002 3:44 PM
Subject: [icomr75] Re: Reading the manual-very necessary

> I knew this would be the radio for you, Russ. Hope you enjoy it as
> much as I enjoy mine.
>
>
> --- In icomr75@yahoogroups.com, "Russ Kiehne" <wb6niu@1...> wrote:
> > I'm blind and just received my R75 last Friday via UPS. Having
> the Ut-102
> > is great! This is the first time I was able to get a s meter
> reading.
> > Being able to tune the band and know what frequency I'm listening
> too.
> >
> > Russ
> > ----- Original Message -----
> > From: <k8dxn@c...>
> > To: <icomr75@yahoogroups.com>
> > Sent: Sunday, December 22, 2002 8:10 PM
> > Subject: [icomr75] Reading the manual-very necessary
> >
> >
> > > Well I just deleted the script of what was to be a post on
> > > strange things happening with my UT-102 in my R75. I was taking
> > > notes on what was happening with it when I decided to reset the
> > > processor thinking that was necessary. While looking the
> procedure
> > > up in the manual I came across the set menu and found the answer
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> > > my "problem". My unit was reading out the signal strength and I
> have
> > > never had a module do that before. Man these thing are cool! I am
> > > going to look up the set menu for my 746 Pro and see if it does
> that
> > > in that rig as I have a UT-102 to install there also . I disabled
> > > the s-unit announcment as it is at the start of the announcement

> and
> > > I would rather hear the freq. first. Just thought I'd share my
> > > experiences of being a "newbie" to the R75. When in doubt read
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> > > manual, twice even to get the wording correct as sometimes the
> > > translations are different depending on where you live. I wish
> all a
> > > very safe and happy holidays, Rick.
> > >
> > >
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>
>
>

3332. Re: Heres a Review for everyone I ran across

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-24 03:30:17 UTC
From: just_rtfm <just_rtfm@yahoo.com>
Topic: 3301 Message: 3332

good explaination. after doing Rado's sync mod it was apparent that
the blinking "S" means the radio is trying to aquire lock. FWIW
during really bad fading i use SSB.

regards,
phil :)

3333. Re: ¡Keep the good work and Happy Holidays

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-24 03:31:52 UTC
From: just_rtfm <just_rtfm@yahoo.com>
Topic: 3312 Message: 3333

hi Carlos!

thanks for the wonderful post. you're correct: eham is a great place
for reviews. i also like radio netherlands' site:

http://www.rnw.nl/realradio/rx_current.html

Feliz Navidad y Prospero Año,
phil :)

3334. Re: [icomr75] Re: Heres a Review for everyone I ran across

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-24 04:22:15 UTC
From: Bill Brady
Topic: 3301 Message: 3334

jazzer37_99 <jazzer37@...> Wrote:

What they're doing
is effectively turning it off by reducing the RF level to the
point that it maxes out the AGC.

Hey jazzer,
How about explaining why my S meter goes up when I turn the RF gain down
with my 2.1 mod R75? I would expect just the opposite.

-- --Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Happy Holidays
all!

[Non-text portions of this message have been removed]

3335. Re: Reading the manual-very necessary

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-24 04:26:07 UTC
From: just_rtfm <just_rtfm@yahoo.com>
Topic: 3311 Message: 3335

hi Russ:

what you're noticing is normal. as i understand it, the s-meter readings only represent signal strength when the RF gain is at the 12 o'clock position. apparently the CPU sets the meter according to how much RF gain is applied instead of true signal strength. weak signals need more gain so the s-meter is moved left. strong signals need less gain and the s-meter is moved right. when you manually turn the RF gain to the left you limit the gain applied and the meter goes to the right as you are really looking at gain applied, not signal strength. [any corrections welcome].

regards,
phil :)

3336. RE: [icomr75] Re: Reading the manual-very necessary

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-24 05:02:51 UTC
From: Guy Atkins
Topic: 3311 Message: 3336

Russ,

Hopefully I'm not adding to the confusion on the AGC and S-meter issue, but here's my understanding. When you turn down (reduce) the RF gain, the needle rises and indicates the relative signal strength needed to bump the indicator higher. That is, with the gain at minimum (turned all the way down) the "plus sixty" reading shows you that a VERY, VERY strong signal of greater than plus 60 (+65db for instance) would be needed to move the needle at all. So, if you want to find only stations coming in at the common, strong signal strength of "S-9", start out at a quiet place on the bands (between signals) and turn the RF gain down until the meter indicates S-9. Then tune the receiver and any signal that moves the needle (or bar graph, in the case of the R75) is greater than, or equal to, a S-9 level.

Does this description fit anyone else's idea of the S-meter and gain relationship?

Guy Atkins
Puyallup, WA USA

-----Original Message-----
From: Russ Kiehne [mailto:wb6niu@...]
Sent: Monday, December 23, 2002 7:31 PM
To: icomr75@yahoogroups.com
Subject: Re: [icomr75] Re: Reading the manual-very necessary

I have a strange thing happening with mine! I had a friend configure it
so
I can use both the rf gain and squelch. I noticed when I get a S meter
reading with or without the antenna connected, rf gain turned all the way
down, I get plus 60! How is it I can get such a strong signal reading
with
the rf gain turned down?

[Non-text portions of this message have been removed]

3337. Re: Reading the manual-very necessary

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-24 06:19:01 UTC
From: Jim Hackett <jim_hack@yahoo.com>
Topic: 3311 Message: 3337

That sounds more like what the squelch does, to me. No?
When you set the squelch level at say 7, it takes a signal with a strength of greater than "7" to open the squelch.
More confusion :~)

--- In icomr75@yahoogroups.com, "Guy Atkins" <dx@g...> wrote:
> Russ,
>
> Hopefully I'm not adding to the confusion on the AGC and S-meter issue, but
> here's my understanding. When you turn down (reduce) the RF gain, the needle
> rises and indicates the relative signal strength needed to bump the
> indicator higher. That is, with the gain at minimum (turned all the way
> down) the "plus sixty" reading shows you that a VERY, VERY strong signal of
> greater than plus 60 (+65db for instance) would be needed to move the needle
> at all. So, if you want to find only stations coming in at the common,
> strong signal strength of "S-9", start out at a quiet place on the bands
> (between signals) and turn the RF gain down until the meter indicates S-9.
> Then tune the receiver and any signal that moves the needle (or bar graph,
> in the case of the R75) is greater than, or equal to, a S-9 level.
>
> Does this description fit anyone else's idea of the S-meter and gain
> relationship?
>
> Guy Atkins
> Puyallup, WA USA
>
>
> -----Original Message-----
> From: Russ Kiehne [mailto:wb6niu@1...]
> Sent: Monday, December 23, 2002 7:31 PM
> To: icomr75@yahoogroups.com
> Subject: Re: [icomr75] Re: Reading the manual-very necessary
>
>
> I have a strange thing happening with mine! I had a friend

configure it
> so
> I can use both the rf gain and squelch. I noticed when I get a
S meter
> reading with or without the antenna connected, rf gain turned
all the way
> down, I get plus 60! How is it I can get such a strong signal
reading
> with
> the rf gain turned down?
>
>
>
> [Non-text portions of this message have been removed]

3338. Re: [icomr75] Re: Reading the manual-very necessary

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-24 09:41:52 UTC
From: Gert Nilsson
Topic: 3311 Message: 3338

What you see on the meter is the voltage on the AGC line. When you turn the RF gain back a voltage is applied to the AGC line reducing the gain after the first mixer and in the IF section.
----- Original Message -----
From: Russ Kiehne
To: icomr75@yahoogroups.com
Sent: Tuesday, December 24, 2002 3:30 AM
Subject: Re: [icomr75] Re: Reading the manual-very necessary

I have a strange thing happening with mine! I had a friend configure it so I can use both the rf gain and squelch. I noticed when I get a S meter reading with or without the antenna connected, rf gain turned all the way down, I get plus 60! How is it I can get such a strong signal reading with the rf gain turned down?
----- Original Message -----
From: <jim_hack@...>
To: <icomr75@yahoogroups.com>
Sent: Monday, December 23, 2002 3:44 PM
Subject: [icomr75] Re: Reading the manual-very necessary

> I knew this would be the radio for you, Russ. Hope you enjoy it as
> much as I enjoy mine.
>
>
> --- In icomr75@yahoogroups.com, "Russ Kiehne" <wb6niu@1...> wrote:
> > I'm blind and just received my R75 last Friday via UPS. Having
> the Ut-102
> > is great! This is the first time I was able to get a s meter
> reading.
> > Being able to tune the band and know what frequency I'm listening
> too.
> >
> > Russ
> > ----- Original Message -----
> > From: <k8dxn@c...>
> > To: <icomr75@yahoogroups.com>
> > Sent: Sunday, December 22, 2002 8:10 PM
> > Subject: [icomr75] Reading the manual-very necessary
> >
> >
> > > Well I just deleted the script of what was to be a post on
> > > strange things happening with my UT-102 in my R75. I was taking
> > > notes on what was happening with it when I decided to reset the
> > > processor thinking that was necessary. While looking the
> procedure

> > > up in the manual I came across the set menu and found the answer
> to
> > > my "problem". My unit was reading out the signal strength and I
> have
> > > never had a module do that before. Man these thing are cool! I am
> > > going to look up the set menu for my 746 Pro and see if it does
> that
> > > in that rig as I have a UT-102 to install there also . I disabled
> > > the s-unit announcment as it is at the start of the announcement
> and
> > > I would rather hear the freq. first. Just thought I'd share my
> > > experiences of being a "newbie" to the R75. When in doubt read
> the
> > > manual, twice even to get the wording correct as sometimes the
> > > translations are different depending on where you live. I wish
> all a
> > > very safe and happy holidays, Rick.
> > >
> > >
> > > To unsubscribe from this group, send an email to:
> > > icomr75-unsubscribe@egroups.com
> > >
> > >
> > >
> > > Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
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> > >
> > >
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
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>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

3339. Re: [icomr75] Re: Reading the manual-very necessary

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-24 11:30:01 UTC
From: Bill Brady
Topic: 3311 Message: 3339

just_rtfm <just_rtfm@...> Wrote:

when you manually turn the RF
gain to the left you limit the gain applied and the meter goes to the
right as you are really looking at gain applied, not signal strength.
[any corrections welcome].

Good analysis Phil,
But I've never seem a radio that acted that way. I have always thought that
the S meter represents the reciprocal of the AGC voltage. If I turn AGC off,
I get zero S units.

Still confused.

-- --Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Happy Holidays
all!

[Non-text portions of this message have been removed]

3340. Re: Reading the manual-very necessary

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-24 13:31:34 UTC
From: craigm55901 <camenning@charter.net>
Topic: 3311 Message: 3340

--- In icomr75@yahoogroups.com, Bill Brady <wmbrady@c...> wrote:
> just_rtfm <just_rtfm@y...> Wrote:
>
> when you manually turn the RF
> gain to the left you limit the gain applied and the meter goes to the
> right as you are really looking at gain applied, not signal strength.
> [any corrections welcome].
>
> ---------------------------------
> Good analysis Phil,
> But I've never seem a radio that acted that way. I have always
thought that
> the S meter represents the reciprocal of the AGC voltage. If I turn
AGC off,
> I get zero S units.
>
> Still confused.
>
> -- --Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Happy Holidays
> all!

As Gert say, the meter is connected to the ACG line. In this case more voltage (higher reading) means less gain. When the Gain control is set to max gain, the detected signal is used to generate the AGC voltage. The more signal, the greater the voltage. Greater voltage give less gain in the system.

The gain control adds its own voltage to the AGC line by providing a minimum voltage. The in turn implies setting the maximum gain in the system. Increase the voltage and you decrease the maximum gain.

Since the signal meter is measuring the AGC voltage and not the actual signal level it responds in an 'unusual' manner. At least, it is unusual until you understand how it works. This is also how many radios work so it can not be considered unusual.

Food for thought: On the R-75 all of this gain control occurs after the first mixer, so is it really IF gain control?

Bill, if you turn AGC off, you do get a zero reading as you are disabling the radio's ability to measure the signal and automatically adjust the gain. However, we are talking about the RF Gain control's action which is different.

Craig

3341. Random Wire Antenna

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-24 15:24:05 UTC
From: woody07823 <freilich@pica.army.mil>
Topic: 3341 Message: 3341

I currently have an Eavesdropper-C which is basically a dipole with
inline traps. It works great!
I was thinking about putting up a random wire antenna also.
Would this improve reception in any areas over the Eavesdropper or am
I just wasting my time.
Lenny

3342. Re: [icomr75] Re: Reading the manual-very necessary

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-24 15:34:34 UTC
From: Russ Kiehne
Topic: 3311 Message: 3342

Hi Phil,

Thanks, This is the first time I've been able to have a radio with a talking
S meter. I take it, this is the way all radios work?

Russ
----- Original Message -----
From: <just_rtfm@...>
To: <icomr75@yahoogroups.com>
Sent: Monday, December 23, 2002 8:26 PM
Subject: [icomr75] Re: Reading the manual-very necessary

> hi Russ:
>
> what you're noticing is normal. as i understand it, the s-meter
> readings only represent signal strength when the RF gain is at the 12
> o'clock position. apparently the CPU sets the meter according to how
> much RF gain is applied instead of true signal strength. weak signals
> need more gain so the s-meter is moved left. strong signals need less
> gain and the s-meter is moved right. when you manually turn the RF
> gain to the left you limit the gain applied and the meter goes to the
> right as you are really looking at gain applied, not signal strength.
> [any corrections welcome].
>
> regards,
> phil :)
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

3343. Re: [icomr75] Re: Reading the manual-very necessary

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-24 15:46:04 UTC
From: Russ Kiehne
Topic: 3311 Message: 3343

On a related subject? Is this why I'm able to get the same S meter reading
with using the Squelch? At times, the volume of the UT-102 isn't loud
enough to hear it over the noise.

Russ
----- Original Message -----
From: <just_rtfm@...>
To: <icomr75@yahoogroups.com>
Sent: Monday, December 23, 2002 8:26 PM
Subject: [icomr75] Re: Reading the manual-very necessary

> hi Russ:
>
> what you're noticing is normal. as i understand it, the s-meter
> readings only represent signal strength when the RF gain is at the 12
> o'clock position. apparently the CPU sets the meter according to how
> much RF gain is applied instead of true signal strength. weak signals
> need more gain so the s-meter is moved left. strong signals need less
> gain and the s-meter is moved right. when you manually turn the RF
> gain to the left you limit the gain applied and the meter goes to the
> right as you are really looking at gain applied, not signal strength.
> [any corrections welcome].
>
> regards,
> phil :)
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

3344. Re: Reading the manual-very necessary

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-24 16:37:58 UTC
From: jazzer37_99 <jazzer37@hotmail.com>
Topic: 3311 Message: 3344

The S meter is supposed to indicate signal strength. This may
be proportional to the AGC control voltage or inversely
proportional depending on whether the voltage controlled amps have
increasing gain with increasing voltage or decreasing gain
with increasing voltage.

In the case of the R75 the gain decreases with increasing voltage.
This means that the AGC voltage is directly proportional to
the received signal strenth.

If you look at the block diagram in the files section you'll see
that the S meter is a buffered version of the AGC control
voltage. The AGC control voltage is determed by 2 parameters:
1. The output level of the AGC diode detector which corresponds to
received signal strength
2. The RF gain control voltage

When the RF gain is turned all the way counter-clockwise
the AGC control voltage is at the max which corresponds to minimum IF
gain since the gain decreases with increasing voltage. The S meter
at this point indicates max signal strength because the voltage
is maxed out due to #2 above. The output of the AGC det is irrelevant
at this point since no more voltage can be delivered from the
AGC amp since it is railed out. As you move the RF gain clockwise
from the fully counter-clockwise position you'll see the S meter
indication decrease because the AGC control voltage is going down
which is increasing the gain of the IF. Once the pot is turned far
enough such that there is no indication on the S meter the output
voltage due to the AGC detector will have a chance to dominate
(which it will if a strong signal is being received). This position
is the "normal" range of operation.

ICOM could have designed it such that the minimum gain AGC voltage was
displaced from the level required to display on the S meter but they
didn't which does make for a somewhat confusing mode of operation.
This is probably one of the reasons that Passport states in the
"Con" section that the RF gain/AGC operates peculiarly. It is also
somewhat odd in another respect but I won't get into this one for
now...

jazzer

--- In icomr75@yahoogroups.com, Bill Brady <wmbrady@c...> wrote:
> just_rtfm <just_rtfm@y...> Wrote:
>
> when you manually turn the RF

> gain to the left you limit the gain applied and the meter goes to the
> right as you are really looking at gain applied, not signal strength.
> [any corrections welcome].
>
> ---
> Good analysis Phil,
> But I've never seem a radio that acted that way. I have always
thought that
> the S meter represents the reciprocal of the AGC voltage. If I turn
AGC off,
> I get zero S units.
>
> Still confused.
>
> -- --Wm. "Bill" Brady, Harwood MD 38°51'30"N 76°41'00"W - Happy Holidays
> all!
>
>
>
>
> [Non-text portions of this message have been removed]

3345. S-Meter and RF Gain

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-24 17:00:09 UTC
From: Mike Walsh
Topic: 3345 Message: 3345

Russ,

This confused me at first too. According to the "Squelch and RF gain" section on page 14 of the manual:

"The RF gain is used to adjust the receiver gain. Shallow rotation (i.e. turning counterclockwise) moves the S-meter to the right indicating the signal strength which can be received."

Apparently, as you adjust the RF Gain the S-meter switches to a mode where it's telling you the minimum strength signal you're going to be able to hear at that gain setting. As a result, the S-meter moves to a higher level as the gain is reduced.

Mike

> From: "Russ Kiehne" <wb6niu@...>
>Subject: Re: Re: Reading the manual-very necessary
>
>I have a strange thing happening with mine! I had a friend configure it so
>I can use both the rf gain and squelch. I noticed when I get a S meter
>reading with or without the antenna connected, rf gain turned all the way
>down, I get plus 60! How is it I can get such a strong signal reading with
>the rf gain turned down?

3346. RE: [icomr75] Re: Reading the manual-very necessary

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-24 16:03:48 UTC
From: Guy Atkins
Topic: 3311 Message: 3346

This is true regarding the squelch/RF control on the R75. I wasn't thinking of the R75 in particular, though. Just receivers in general.

Guy

-----Original Message-----
From: Jim Hackett <jim_hack@...> [mailto:jim_hack@...]
Sent: Monday, December 23, 2002 10:19 PM
To: icomr75@yahoogroups.com
Subject: [icomr75] Re: Reading the manual-very necessary

That sounds more like what the squelch does, to me. No?
When you set the squelch level at say 7, it takes a signal with a strength of greater than "7" to open the squelch.
More confusion :~)

[Non-text portions of this message have been removed]

3347. Re: [icomr75] S-Meter and RF Gain

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-24 18:05:18 UTC
From: Russ Kiehne
Topic: 3345 Message: 3347

Being blind, this is the first radio I've been able to get S meter readings
with. This is all a new experience for me.

Russ
----- Original Message -----
From: "Mike Walsh" <mwalsh@...>
To: <icomr75@yahoogroups.com>
Sent: Tuesday, December 24, 2002 9:00 AM
Subject: [icomr75] S-Meter and RF Gain

> Russ,
>
> This confused me at first too. According to the "Squelch and RF gain"
> section on page 14 of the manual:
>
> "The RF gain is used to adjust the receiver gain. Shallow rotation (i.e.
> turning counterclockwise) moves the S-meter to the right indicating the
> signal strength which can be received."
>
> Apparently, as you adjust the RF Gain the S-meter switches to a mode where
> it's telling you the minimum strength signal you're going to be able to
hear
> at that gain setting. As a result, the S-meter moves to a higher level as
> the gain is reduced.
>
> Mike
>
> > From: "Russ Kiehne" <wb6niu@...>
> >Subject: Re: Re: Reading the manual-very necessary
> >
> >I have a strange thing happening with mine! I had a friend configure it
so
> >I can use both the rf gain and squelch. I noticed when I get a S meter
> >reading with or without the antenna connected, rf gain turned all the way
> >down, I get plus 60! How is it I can get such a strong signal reading
with
> >the rf gain turned down?
>
>
>
>
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> icomr75-unsubscribe@egroups.com
>
>

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>
>
>

3348. Re: [icomr75] S-Meter and RF Gain

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-24 19:26:56 UTC
From: John Pickrell
Topic: 3345 Message: 3348

To All,

Here is, so Gerd at ICOM thonks, is the last word. I am, personnaly, tired of the folklore and BS, received from those people and I intend to pursue this subject up the corporate chain.

John Pickrell

It reads noise in an incorrect ratio to the actual signal.....when not properly set, it means nothing to the operator.
Gerd
Icom Technical Support
425 454 7619 FAX 425 637 8417
www.Icomamerica.com
PARTS 425 454 8155

-----Original Message-----
From: John Pickrell [mailto:jmpickrell@...]
Posted At: Tuesday, December 24, 2002 8:28 AM
Posted To: Receivers
Conversation: IC-R75
Subject: Re: IC-R75

Gerd,

Thanks for the reply. You answered an unasked question-I know, as do most other people, what the S-Meter reads when the variable RF Gain is at it's maximum position and I agree with your answer.

You have, however, left unanswered my main question. If the time left in the day does not permit the necessary research that is fine, I'd be happy to wait until after Christmas for the answer.

Have a Merry Christmas.

John
----- Original Message -----
From: Receivers Tech Support
To: John Pickrell
Sent: Tuesday, December 24, 2002 10:45 AM
Subject: RE: IC-R75

John
The S meter reading is a relative signal strenght indicator only....it is only accurate when rf gain is at full.
Gerd
Icom Technical Support

425 454 7619 FAX 425 637 8417
www.Icomamerica.com
PARTS 425 454 8155

-----Original Message-----
From: John Pickrell [mailto:jmpickrell@...]
Posted At: Tuesday, December 24, 2002 7:09 AM
Posted To: Receivers
Conversation: IC-R75
Subject: IC-R75

Gentlemen,

First, let me congratulate your engineers on a fine design and your marketers on making it affordable.

As background, I belong to a R75 users group on Yahoo and there is a on going discussion (repeatable on a six month periodic) concerning the operation of the R75's variable gain control and the resultant change of indicated level on the S-meter.

The question: "As the RF Gain is decreased the S-Meter reading increases-what is the S-Meter indicating and what (or how) does the operator use this information?"

As an engineer myself, I believe your engineers designed this feature into the radio to supply informative data to the operator and I don't believe this is a result of "that's just the way it is."

I have called your technicians on three occasions and received three different answers, at this time I would like a definitive answer. This operational characteristic of the R75 is really bothering me (and other people in the user group as well) and detracting from my enjoyment of the radio.

I will, of course, share your answer with the group.

I wish to thank you, in advance, for the time and effort necessary in resolving this issue.

John M Pickrell
Punta Gorda, FL
----- Original Message -----
From: Mike Walsh
To: icomr75@yahoogroups.com
Sent: Tuesday, December 24, 2002 12:00 PM
Subject: [icomr75] S-Meter and RF Gain

Russ,

This confused me at first too. According to the "Squelch and RF gain" section on page 14 of the manual:

"The RF gain is used to adjust the receiver gain. Shallow rotation (i.e. turning counterclockwise) moves the S-meter to the right indicating the signal strength which can be received."

Apparently, as you adjust the RF Gain the S-meter switches to a mode where it's telling you the minimum strength signal you're going to be able to hear at that gain setting. As a result, the S-meter moves to a higher level as the gain is reduced.

Mike

> From: "Russ Kiehne" <wb6niu@...>
>Subject: Re: Re: Reading the manual-very necessary
>
>I have a strange thing happening with mine! I had a friend configure it so
>I can use both the rf gain and squelch. I noticed when I get a S meter
>reading with or without the antenna connected, rf gain turned all the way
>down, I get plus 60! How is it I can get such a strong signal reading with
>the rf gain turned down?

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[Non-text portions of this message have been removed]

3349. Re: [icomr75] S-Meter and RF Gain

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-25 00:04:32 UTC
From: Don
Topic: 3345 Message: 3349

My R7000 does a similar thing using the analog S meter needle. When the squelch knob is turned clockwise the needle goes to the right (higher) meaning that a signal of that strength or greater is required to "break" the squelch.

--
Don
-
--
CAKE001 CASF024 CA6CYF KHN3161 NAMA471 WA6004SWL
N33d42m W117d59m DM13AQ UTC -8 hrs

3350. Re: Reading the manual-very necessary

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-25 01:27:27 UTC
From: Jim Hackett <jim_hack@yahoo.com>
Topic: 3311 Message: 3350

Russ, if you want to hear the "voice" without all the noise in the background, just turn the squelch till it cuts out the signal then press the lock button. The voice will give all details with nothing interfering. Turn the squelch back to normal when you're done.

--- In icomr75@yahoogroups.com, "Russ Kiehne" <wb6niu@1...> wrote:
> On a related subject? Is this why I'm able to get the same S meter reading
> with using the Squelch? At times, the volume of the UT-102 isn't loud
> enough to hear it over the noise.
>
> Russ
> ----- Original Message -----
> From: <just_rtfm@y...>
> To: <icomr75@yahoogroups.com>
> Sent: Monday, December 23, 2002 8:26 PM
> Subject: [icomr75] Re: Reading the manual-very necessary
>
>
> > hi Russ:
> >
> > what you're noticing is normal. as i understand it, the s-meter
> > readings only represent signal strength when the RF gain is at the 12
> > o'clock position. apparently the CPU sets the meter according to how
> > much RF gain is applied instead of true signal strength. weak signals
> > need more gain so the s-meter is moved left. strong signals need less
> > gain and the s-meter is moved right. when you manually turn the RF
> > gain to the left you limit the gain applied and the meter goes to the
> > right as you are really looking at gain applied, not signal strength.
> > [any corrections welcome].
> >
> > regards,
> > phil :)
> >
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> >
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> >
> >
> >

3351. Yeasu FRT-7700

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-25 07:32:02 UTC
From: rezeiwer <jarmo.patala@luukku.com>
Topic: 3351 Message: 3351

Hi,
I have two of them but don't have any manual. Does anybody own users manual for this antenna tuner. A PDF file copy will do nicely.
Thanks.

3352. Re: [icomr75] Re: Reading the manual-very necessary

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-25 15:36:21 UTC
From: Russ Kiehne
Topic: 3311 Message: 3352

That's what I've been doing. I take it, I still get the same S meter reading as I would with the rf gain set at 12 o'clock?
----- Original Message -----
From: <jim_hack@...>
To: <icomr75@yahoogroups.com>
Sent: Tuesday, December 24, 2002 5:27 PM
Subject: [icomr75] Re: Reading the manual-very necessary

> Russ, if you want to hear the "voice" without all the noise in the
> background, just turn the squelch till it cuts out the signal then
> press the lock button. The voice will give all details with nothing
> interfering. Turn the squelch back to normal when you're done.
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> > Russ
> > ----- Original Message -----
> > From: <just_rtfm@y...>
> > To: <icomr75@yahoogroups.com>
> > Sent: Monday, December 23, 2002 8:26 PM
> > Subject: [icomr75] Re: Reading the manual-very necessary
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>
>
>

3353. Re: Reading the manual-very necessary

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-25 16:01:18 UTC
From: Jim Hackett <jim_hack@yahoo.com>
Topic: 3311 Message: 3353

That's affirmative, good buddy.
Merry Christmas, Russ and all on this group!

--- In icomr75@yahoogroups.com, "Russ Kiehne" <wb6niu@1...> wrote:
> That's what I've been doing. I take it, I still get the same S
meter
> reading as I would with the rf gain set at 12 o'clock?
> ----- Original Message -----
> From: <jim_hack@y...>
> To: <icomr75@yahoogroups.com>
> Sent: Tuesday, December 24, 2002 5:27 PM
> Subject: [icomr75] Re: Reading the manual-very necessary
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> > Russ, if you want to hear the "voice" without all the noise in
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> > > ----- Original Message -----
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> > > To: <icomr75@yahoogroups.com>
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> > > Subject: [icomr75] Re: Reading the manual-very necessary
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> >
> >

3354. Who does R75 Mods?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-25 16:12:30 UTC
From: mwbryant@aol.com
Topic: 3354 Message: 3354

Greetings,

I just joined this group and I was wondering if anyone knew of any other company, besides KIWA, that will do the sync/AGC mod on the R75. I'd try them myself, but my eyesight just isn't adequate.

Any info appreciated!

Michael Bryant
Louisville, KY

3355. Re: [icomr75] Re: Reading the manual-very necessary

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-25 16:21:25 UTC
From: Russ Kiehne
Topic: 3311 Message: 3355

Thanks, now another question.

When I press the AGC button until I hear a double beep to turn it off. When I press the AGC button to turn it back on, is it fast or slow?

Merry Christmas to you and the group,
Russ
----- Original Message -----
From: <jim_hack@...>
To: <icomr75@yahoogroups.com>
Sent: Wednesday, December 25, 2002 8:01 AM
Subject: [icomr75] Re: Reading the manual-very necessary

> That's affirmative, good buddy.
> Merry Christmas, Russ and all on this group!
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> --- In icomr75@yahoogroups.com, "Russ Kiehne" <wb6niu@1...> wrote:
> > That's what I've been doing. I take it, I still get the same S
> meter
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> > ----- Original Message -----
> > From: <jim_hack@y...>
> > To: <icomr75@yahoogroups.com>
> > Sent: Tuesday, December 24, 2002 5:27 PM
> > Subject: [icomr75] Re: Reading the manual-very necessary
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> > > Russ, if you want to hear the "voice" without all the noise in
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> > > > On a related subject? Is this why I'm able to get the same S
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> > > > with using the Squelch? At times, the volume of the UT-102
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> > > > enough to hear it over the noise.
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> > > > Russ
> > > > ----- Original Message -----
> > > > From: <just_rtfm@y...>
> > > > To: <icomr75@yahoogroups.com>
> > > > Sent: Monday, December 23, 2002 8:26 PM
> > > > Subject: [icomr75] Re: Reading the manual-very necessary
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> > > > > > what you're noticing is normal. as i understand it, the s-
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> > > > > > readings only represent signal strength when the RF gain is
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> > > > > > gain to the left you limit the gain applied and the meter
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> > > > > > To unsubscribe from this group, send an email to:
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3356. Re: [icomr75] Re: Reading the manual-very necessary

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-25 17:44:06 UTC
From: Gert Nilsson
Topic: 3311 Message: 3356

You will get the Normal AGC
----- Original Message -----
From: Russ Kiehne
To: icomr75@yahoogroups.com
Sent: Wednesday, December 25, 2002 4:21 PM
Subject: Re: [icomr75] Re: Reading the manual-very necessary

Thanks, now another question.

When I press the AGC button until I hear a double beep to turn it off. When
I press the AGC button to turn it back on, is it fast or slow?

Merry Christmas to you and the group,
Russ
----- Original Message -----
From: <jim_hack@...>
To: <icomr75@yahoogroups.com>
Sent: Wednesday, December 25, 2002 8:01 AM
Subject: [icomr75] Re: Reading the manual-very necessary

> That's affirmative, good buddy.
> Merry Christmas, Russ and all on this group!
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> --- In icomr75@yahoogroups.com, "Russ Kiehne" <wb6niu@1...> wrote:
> > That's what I've been doing. I take it, I still get the same S
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> > ----- Original Message -----
> > From: <jim_hack@y...>
> > To: <icomr75@yahoogroups.com>
> > Sent: Tuesday, December 24, 2002 5:27 PM
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> > > Russ, if you want to hear the "voice" without all the noise in
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> > > > To: <icomr75@yahoogroups.com>
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Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

3357. Re: [icomr75] Re: Reading the manual-very necessary

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-25 18:02:30 UTC
From: Russ Kiehne
Topic: 3311 Message: 3357

Is normal AGC fast or slow? The reason I'm asking, I'm blind. This is why
I want to know if the AGC is fast or slow when turning it back to normal?
----- Original Message -----
From: "Gert Nilsson" <gert.nilsson@...>
To: <icomr75@yahoogroups.com>
Sent: Wednesday, December 25, 2002 9:44 AM
Subject: Re: [icomr75] Re: Reading the manual-very necessary

> You will get the Normal AGC
> ----- Original Message -----
> From: Russ Kiehne
> To: icomr75@yahoogroups.com
> Sent: Wednesday, December 25, 2002 4:21 PM
> Subject: Re: [icomr75] Re: Reading the manual-very necessary
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> Thanks, now another question.
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> When I press the AGC button until I hear a double beep to turn it off.
When
> I press the AGC button to turn it back on, is it fast or slow?
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> Merry Christmas to you and the group,
> Russ
> ----- Original Message -----
> From: <jim_hack@...>
> To: <icomr75@yahoogroups.com>
> Sent: Wednesday, December 25, 2002 8:01 AM
> Subject: [icomr75] Re: Reading the manual-very necessary
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> > > From: <jim_hack@y...>
> > > To: <icomr75@yahoogroups.com>
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> > > > > > From: <just_rtfm@y...>
> > > > > > To: <icomr75@yahoogroups.com>
> > > > > > Sent: Monday, December 23, 2002 8:26 PM
> > > > > > Subject: [icomr75] Re: Reading the manual-very necessary
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>
>
> [Non-text portions of this message have been removed]
>
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3358. Re: [icomr75] Re: Reading the manual-very necessary

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-25 20:46:22 UTC
From: Gert Nilsson
Topic: 3311 Message: 3358

The normal AGC is the slow AGC (even though I think it could have been even slower)
----- Original Message -----
From: Russ Kiehne
To: icomr75@yahoogroups.com
Sent: Wednesday, December 25, 2002 6:02 PM
Subject: Re: [icomr75] Re: Reading the manual-very necessary

Is normal AGC fast or slow? The reason I'm asking, I'm blind. This is why
I want to know if the AGC is fast or slow when turning it back to normal?
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From: "Gert Nilsson" <gert.nilsson@...>
To: <icomr75@yahoogroups.com>
Sent: Wednesday, December 25, 2002 9:44 AM
Subject: Re: [icomr75] Re: Reading the manual-very necessary

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> Sent: Wednesday, December 25, 2002 4:21 PM
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> To: <icomr75@yahoogroups.com>
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> > > reading as I would with the rf gain set at 12 o'clock?
> > > ----- Original Message -----
> > > From: <jim_hack@y...>
> > > To: <icomr75@yahoogroups.com>
> > > Sent: Tuesday, December 24, 2002 5:27 PM
> > > Subject: [icomr75] Re: Reading the manual-very necessary
> > >
> > >
> > > > Russ, if you want to hear the "voice" without all the noise in
> > the
> > > > background, just turn the squelch till it cuts out the signal
> > then
> > > > press the lock button. The voice will give all details with
> > nothing
> > > > interfering. Turn the squelch back to normal when you're done.
> > > >
> > > >
> > > > --- In icomr75@yahoogroups.com, "Russ Kiehne" <wb6niu@1...>
> > wrote:
> > > > > On a related subject? Is this why I'm able to get the same S
> > > > meter reading
> > > > > with using the Squelch? At times, the volume of the UT-102
> > isn't
> > > > loud
> > > > > enough to hear it over the noise.
> > > > >
> > > > > Russ
> > > > > ----- Original Message -----
> > > > > From: <just_rtfm@y...>
> > > > > To: <icomr75@yahoogroups.com>
> > > > > Sent: Monday, December 23, 2002 8:26 PM
> > > > > Subject: [icomr75] Re: Reading the manual-very necessary
> > > > >
> > > > >
> > > > > > hi Russ:
> > > > > >
> > > > > > what you're noticing is normal. as i understand it, the s-
> > meter
> > > > > > readings only represent signal strength when the RF gain is
> > at
> > > > the 12
> > > > > > o'clock position. apparently the CPU sets the meter
> > according to
> > > > how
> > > > > > much RF gain is applied instead of true signal strength. weak
> > > > signals
> > > > > > need more gain so the s-meter is moved left. strong signals
> > need
> > > > less
> > > > > > gain and the s-meter is moved right. when you manually turn

> > the
> > > > RF
> > > > > > gain to the left you limit the gain applied and the meter
> > goes
> > > > to the
> > > > > > right as you are really looking at gain applied, not signal
> > > > strength.
> > > > > > [any corrections welcome].
> > > > > >
> > > > > > regards,
> > > > > > phil :)
> > > > > >
> > > > > >
> > > > > >
> > > > > > To unsubscribe from this group, send an email to:
> > > > > > icomr75-unsubscribe@egroups.com
> > > > > >
> > > > > >
> > > > > >
> > > > > > Your use of Yahoo! Groups is subject to
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http://docs.yahoo.com/info/terms/
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>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
> [Non-text portions of this message have been removed]
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
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>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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>

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[Non-text portions of this message have been removed]

3359. Re: Reading the manual-very necessary

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-25 22:52:29 UTC
From: Jim Hackett <jim_hack@yahoo.com>
Topic: 3311 Message: 3359

It comes back on in fast mode.

--- In icomr75@yahoogroups.com, "Russ Kiehne" <wb6niu@1...> wrote:
> Thanks, now another question.
>
> When I press the AGC button until I hear a double beep to turn it
off. When
> I press the AGC button to turn it back on, is it fast or slow?
>
> Merry Christmas to you and the group,
> Russ
> ----- Original Message -----
> From: <jim_hack@y...>
> To: <icomr75@yahoogroups.com>
> Sent: Wednesday, December 25, 2002 8:01 AM
> Subject: [icomr75] Re: Reading the manual-very necessary
>
>
> > That's affirmative, good buddy.
> > Merry Christmas, Russ and all on this group!
> > >
> > >
> > --- In icomr75@yahoogroups.com, "Russ Kiehne" <wb6niu@1...>
wrote:
> > > That's what I've been doing. I take it, I still get the same S
> > meter
> > > reading as I would with the rf gain set at 12 o'clock?
> > > ----- Original Message -----
> > > From: <jim_hack@y...>
> > > To: <icomr75@yahoogroups.com>
> > > Sent: Tuesday, December 24, 2002 5:27 PM
> > > Subject: [icomr75] Re: Reading the manual-very necessary
> > > >
> > > >
> > > > Russ, if you want to hear the "voice" without all the noise
in
> > the
> > > > > background, just turn the squelch till it cuts out the signal
> > then
> > > > > press the lock button. The voice will give all details with
> > nothing
> > > > > interfering. Turn the squelch back to normal when you're
done.
> > > > >
> > > > >

> > > > --- In icomr75@yahoogroups.com, "Russ Kiehne" <wb6niu@1...>
> > wrote:
> > > > > On a related subject? Is this why I'm able to get the
same S
> > > > meter reading
> > > > > with using the Squelch? At times, the volume of the UT-102
> > isn't
> > > > loud
> > > > > enough to hear it over the noise.
> > > > >
> > > > > Russ
> > > > > ----- Original Message -----
> > > > > From: <just_rtfm@y...>
> > > > > To: <icomr75@yahoogroups.com>
> > > > > Sent: Monday, December 23, 2002 8:26 PM
> > > > > Subject: [icomr75] Re: Reading the manual-very necessary
> > > > >
> > > > >
> > > > > > hi Russ:
> > > > > >
> > > > > > what you're noticing is normal. as i understand it, the
s-
> > meter
> > > > > > readings only represent signal strength when the RF gain
is
> > at
> > > > the 12
> > > > > > o'clock position. apparently the CPU sets the meter
> > according to
> > > > how
> > > > > > much RF gain is applied instead of true signal strength.
weak
> > > > signals
> > > > > > need more gain so the s-meter is moved left. strong
signals
> > need
> > > > less
> > > > > > gain and the s-meter is moved right. when you manually
turn
> > the
> > > > RF
> > > > > > gain to the left you limit the gain applied and the meter
> > goes
> > > > to the
> > > > > > right as you are really looking at gain applied, not
signal
> > > > strength.
> > > > > > [any corrections welcome].
> > > > > >
> > > > > > regards,

> > > > > > phil :)
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > > To unsubscribe from this group, send an email to:
> > > > > > > icomr75-unsubscribe@egroups.com
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > > Your use of Yahoo! Groups is subject to
> > > > > http://docs.yahoo.com/info/terms/
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> > > Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/
> > >
> > >
> > >

3360. Re: Reading the manual-very necessary

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-26 00:02:23 UTC
From: craigm55901 <camenning@charter.net>
Topic: 3311 Message: 3360

--- In icomr75@yahoogroups.com, "Jim Hackett <jim_hack@y...>"
<jim_hack@y...> wrote:
> It comes back on in fast mode.
>
>
> --- In icomr75@yahoogroups.com, "Russ Kiehne" <wb6niu@1...> wrote:
> > Thanks, now another question.
> >
> > When I press the AGC button until I hear a double beep to turn it
> off. When
> > I press the AGC button to turn it back on, is it fast or slow?
> >

Just to add to the confusion....

The AGC comes back on in the mode it was when it was turned off.

Could be fast, could be slow (normal). Whatever you had it set to
previously.

Craig

3361. Re: [icomr75] Re: Reading the manual-very necessary

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-26 01:19:34 UTC
From: Russ Kiehne
Topic: 3311 Message: 3361

Being blind, I have no way of reading the display. I can't hear any
difference between fast or slow AGC. I did some experimenting and it seems
the r75 doesn't really have a fast AGC. By turning down the rf gain,
turning it up quickly, I was able to determine fast and slow agc. They both
have a delay when turning up the rf gain. I like the AGC on my Satellit 800
better. This is from the
Satellit 800 specs.

AGC Performance:
Threshold: 1.0 mV. Attack Time: 1 millisecond.
Release Time: SLOW 3 seconds, FAST 300 milliseconds.
Less than 6 dB change in audio output for 90 dB RF input change
(referenced from the AGC threshold point plus 3 dB).

On my Sat800, I can hear the difference between fast and slow agc. Does the
Kiwa mod take care of this?

Russ
----- Original Message -----
From: "Gert Nilsson" <gert.nilsson@...>
To: <icomr75@yahoogroups.com>
Sent: Wednesday, December 25, 2002 12:46 PM
Subject: Re: [icomr75] Re: Reading the manual-very necessary

> The normal AGC is the slow AGC (even though I think it could have been
even slower)
> ----- Original Message -----
> From: Russ Kiehne
> To: icomr75@yahoogroups.com
> Sent: Wednesday, December 25, 2002 6:02 PM
> Subject: Re: [icomr75] Re: Reading the manual-very necessary
>
>
> Is normal AGC fast or slow? The reason I'm asking, I'm blind. This is
why
> I want to know if the AGC is fast or slow when turning it back to
normal?
> ----- Original Message -----
> From: "Gert Nilsson" <gert.nilsson@...>
> To: <icomr75@yahoogroups.com>
> Sent: Wednesday, December 25, 2002 9:44 AM
> Subject: Re: [icomr75] Re: Reading the manual-very necessary
>
>
> > You will get the Normal AGC
> > ----- Original Message -----

> > From: Russ Kiehne
> > To: icomr75@yahoogroups.com
> > Sent: Wednesday, December 25, 2002 4:21 PM
> > Subject: Re: [icomr75] Re: Reading the manual-very necessary
> >
> >
> > Thanks, now another question.
> >
> > When I press the AGC button until I hear a double beep to turn it
off.
> When
> > I press the AGC button to turn it back on, is it fast or slow?
> >
> > Merry Christmas to you and the group,
> > Russ
> > ----- Original Message -----
> > From: <jim_hack@...>
> > To: <icomr75@yahoogroups.com>
> > Sent: Wednesday, December 25, 2002 8:01 AM
> > Subject: [icomr75] Re: Reading the manual-very necessary
> >
> >
> > > That's affirmative, good buddy.
> > > Merry Christmas, Russ and all on this group!
> > >
> > >
> > > --- In icomr75@yahoogroups.com, "Russ Kiehne" <wb6niu@1...> wrote:
> > > > That's what I've been doing. I take it, I still get the same S
> > > meter
> > > > reading as I would with the rf gain set at 12 o'clock?
> > > > ----- Original Message -----
> > > > From: <jim_hack@y...>
> > > > To: <icomr75@yahoogroups.com>
> > > > Sent: Tuesday, December 24, 2002 5:27 PM
> > > > Subject: [icomr75] Re: Reading the manual-very necessary
> > > >
> > > >
> > > > > Russ, if you want to hear the "voice" without all the noise in
> > > the
> > > > > background, just turn the squelch till it cuts out the signal
> > > then
> > > > > press the lock button. The voice will give all details with
> > > nothing
> > > > > interfering. Turn the squelch back to normal when you're done.
> > > > >
> > > > >
> > > > > --- In icomr75@yahoogroups.com, "Russ Kiehne" <wb6niu@1...>
> > > wrote:
> > > > > > On a related subject? Is this why I'm able to get the same
S

> > > > > meter reading
> > > > > > with using the Squelch? At times, the volume of the UT-102
> > > isn't
> > > > > loud
> > > > > > enough to hear it over the noise.
> > > > > >
> > > > > > Russ
> > > > > > ----- Original Message -----
> > > > > > From: <just_rtfm@y...>
> > > > > > To: <icomr75@yahoogroups.com>
> > > > > > Sent: Monday, December 23, 2002 8:26 PM
> > > > > > Subject: [icomr75] Re: Reading the manual-very necessary
> > > > > >
> > > > > >
> > > > > > > hi Russ:
> > > > > > >
> > > > > > > what you're noticing is normal. as i understand it, the s-
> > > meter
> > > > > > > readings only represent signal strength when the RF gain
is
> > > at
> > > > > > the 12
> > > > > > > o'clock position. apparently the CPU sets the meter
> > > according to
> > > > > how
> > > > > > > much RF gain is applied instead of true signal strength.
weak
> > > > > signals
> > > > > > > need more gain so the s-meter is moved left. strong
signals
> > > need
> > > > > less
> > > > > > > gain and the s-meter is moved right. when you manually
turn
> > > the
> > > > > RF
> > > > > > > gain to the left you limit the gain applied and the meter
> > > goes
> > > > > to the
> > > > > > > right as you are really looking at gain applied, not
signal
> > > > > strength.
> > > > > > > [any corrections welcome].
> > > > > > >
> > > > > > > regards,
> > > > > > > phil :)
> > > > > > >
> > > > > > >
> > > > > > >
> > > > > > > To unsubscribe from this group, send an email to:

> > > > > > > icomr75-unsubscribe@egroups.com
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> > > > > > > >
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> > >
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> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > > To unsubscribe from this group, send an email to:
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>
> [Non-text portions of this message have been removed]
>
>
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>

3362. Re: [icomr75] Re: Reading the manual-very necessary

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-26 01:27:52 UTC
From: Russ Kiehne
Topic: 3311 Message: 3362

That's what I found out! This is a reply I sent previously.

Being blind, I have no way of reading the display. I can't hear any
difference between fast or slow AGC. I did some experimenting and it seems
the r75 doesn't really have a fast AGC. By turning down the rf gain,
turning it up quickly, I was able to determine fast and slow agc. They both
have a delay when turning up the rf
gain. I like the AGC on my Satellit 800 better. This is from the Satellit
800 specs.

AGC Performance:
Threshold: 1.0 mV. Attack Time: 1 millisecond.
Release Time: SLOW 3 seconds, FAST 300 milliseconds.
Less than 6 dB change in audio output for 90 dB RF input change (referenced
from the AGC threshold point plus 3 dB).

On my Sat800, I can hear the difference between fast and slow agc.

Russ
----- Original Message -----
From: <camenning@...>
To: <icomr75@yahoogroups.com>
Sent: Wednesday, December 25, 2002 4:02 PM
Subject: [icomr75] Re: Reading the manual-very necessary

> --- In icomr75@yahoogroups.com, "Jim Hackett <jim_hack@y...>"
> <jim_hack@y...> wrote:
> > It comes back on in fast mode.
> >
> >
> > --- In icomr75@yahoogroups.com, "Russ Kiehne" <wb6niu@1...> wrote:
> > > Thanks, now another question.
> > >
> > > When I press the AGC button until I hear a double beep to turn it
> > off. When
> > > I press the AGC button to turn it back on, is it fast or slow?
> > >
>
>
> Just to add to the confusion....
>
> The AGC comes back on in the mode it was when it was turned off.
>
> Could be fast, could be slow (normal). Whatever you had it set to
> previously.
>

> Craig
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

3363. Suspicious Diode in MW Bandpass Filter Section

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-26 03:04:18 UTC
From: thinkdx <dx@guyatkins.com>
Topic: 3363 Message: 3363

Hi All,

I've taken some time after Christmas dinner to sneak up to the radio shack and investigate the problem in the MW bandpass filter section of my recently-acquired R75. I discussed this difficulty (virtually zero signal below 1.6 MHz) in the group previously.

I seem to have isolated a suspicious part-- diode D172 at the output of the bandpass filter. It's a Matsushita MA77 VHF/UHF switching diode. When I connect a 20-ft. length of wire (via a capacitor) to the cathode of D172, I get a S9+30dB signal on 1450 kHz (a nearby local 1 kW night-time station). When I touch the same wire to the anode side, the signal barely registers S1-2 on the meter.

It's possible it's a cold solder joint or slightly misaligned part (partial or open circuit), as under magnification the diode looks to be tilted or askew.

However, if this is a defective part, what might be a suitable replacement in a leaded component that I could locate easily, such as at a Radio Shack store?

I've worked with germanium small-signal diodes before in crystal radio projects, but I have little familiarity with switching diodes.

Thanks in advance for any part numbers or substitutes that could be suggested.

I'm going to take the radio into my workplace tomorrow so I can look at the part under the stereo microscope we have there for SMT work.

Guy Atkins
Puyallup, WA USA

3364. Re: [icomr75] Re: Reading the manual-very necessary

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-26 03:21:59 UTC
From: mwbryant@aol.com
Topic: 3311 Message: 3364

In a message dated 12/25/02 8:18:15 PM Eastern Standard Time, wb6niu@...
writes:

> Being blind, I have no way of reading the display. I can't hear any
> difference between fast or slow AGC. I did some experimenting and it seems
> the r75 doesn't really have a fast AGC.

While you are correct that it is difficult to quickly discern fast from slow AGC on the R75, it is easy to tell when the AGC is off. The sound level rises sharply, almost painfully. Hitting the AGC button a second time takes it to slow AGC, and pressing it a third time takes it to fast AGC. All you have to do is remember that the AGC button is on the bottom row, closest to the tuning knob.

Also visually-impaired,

Michael Bryant
Louisville, KY

3365. Re: Reading the manual-very necessary

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-26 03:27:57 UTC
From: Jim Hackett <jim_hack@yahoo.com>
Topic: 3311 Message: 3365

By golly, you're right Craig. I stand corrected...

--- In icomr75@yahoogroups.com, "craigm55901 <camenning@c...>"
<camenning@c...> wrote:
> --- In icomr75@yahoogroups.com, "Jim Hackett <jim_hack@y...>"
> <jim_hack@y...> wrote:
> > It comes back on in fast mode.
> >
> >
> > --- In icomr75@yahoogroups.com, "Russ Kiehne" <wb6niu@1...>
wrote:
> > > Thanks, now another question.
> > >
> > > When I press the AGC button until I hear a double beep to turn
it
> > off. When
> > > I press the AGC button to turn it back on, is it fast or slow?
> > >
>
>
> Just to add to the confusion....
>
> The AGC comes back on in the mode it was when it was turned off.
>
> Could be fast, could be slow (normal). Whatever you had it set to
> previously.
>
> Craig

3366. Re: [icomr75] Re: Reading the manual-very necessary

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-26 16:23:08 UTC
From: Russ Kiehne
Topic: 3311 Message: 3366

Hi Michael,

I press the agc button until I hear the double beep. This way I know the agc is off.

Did you happen to see this?

From: <camenning@...>
To: <icomr75@yahoogroups.com>
Subject: [icomr75] Re: Reading the manual-very necessary
Date: Wednesday, December 25, 2002 4:04 PM

Just to add to the confusion....

The AGC comes back on in the mode it was when it was turned off.

Could be fast, could be slow (normal). Whatever you had it set to previously.

Craig

I received my r75 via UPS last Friday. I did a lot of playing around with it last night and I found another way to determine if fast or slow agc is on. I tune into a strong station on mw, turn the tuning knob and listen for the delay. The longer of the two is slow agc. On sideband I cannot hear any difference when switching from fast to slow agc. On my Satellit 800, I can hear
the difference when switching from fast to slow agc.

How long have you had your r75?
Do you know of speech friendly software that would allow me to access the filter setup menu, the set mode menu?

Russ
----- Original Message -----
From: <mwbryant@...>
To: <icomr75@yahoogroups.com>
Sent: Wednesday, December 25, 2002 7:21 PM
Subject: Re: [icomr75] Re: Reading the manual-very necessary

> In a message dated 12/25/02 8:18:15 PM Eastern Standard Time, wb6niu@...
> writes:
>
> > Being blind, I have no way of reading the display. I can't hear any
> > difference between fast or slow AGC. I did some experimenting and it seems
> > the r75 doesn't really have a fast AGC.

>
> While you are correct that it is difficult to quickly discern fast from
slow
> AGC on the R75, it is easy to tell when the AGC is off. The sound level
rises
> sharply, almost painfully. Hitting the AGC button a second time takes it
to
> slow AGC, and pressing it a third time takes it to fast AGC. All you have
to
> do is remember that the AGC button is on the bottom row, closest to the
> tuning knob.
>
> Also visually-impaired,
>
> Michael Bryant
> Louisville, KY
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

3367. Re: [icomr75] Re: Reading the manual-very necessary

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-26 17:11:54 UTC
From: mwbryant@aol.com
Topic: 3311 Message: 3367

In a message dated 12/26/02 11:23:09 AM Eastern Standard Time, wb6niu@...
writes:

> Hi Michael,
>
> I press the agc button until I hear the double beep. This way I know the
> agc is off.
>

Not really. It's usually pretty obvious when the AGC is off, as volume
increases greatly and carrier howls become deafening.

Thanks for the tip, though.

Michael Bryant

3368. Re: [icomr75] Re: Reading the manual-very necessary

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-26 17:17:48 UTC
From: Russ Kiehne
Topic: 3311 Message: 3368

Do you know of speech friendly software to access the r75?
----- Original Message -----
From: <mwbryant@...>
To: <icomr75@yahoogroups.com>
Sent: Thursday, December 26, 2002 9:11 AM
Subject: Re: [icomr75] Re: Reading the manual-very necessary

> In a message dated 12/26/02 11:23:09 AM Eastern Standard Time,
wb6niu@...
> writes:
>
> > Hi Michael,
> >
> > I press the agc button until I hear the double beep. This way I know
the
> > agc is off.
> >
>
> Not really. It's usually pretty obvious when the AGC is off, as volume
> increases greatly and carrier howls become deafening.
>
> Thanks for the tip, though.
>
> Michael Bryant
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

3369. Antenna Height

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-27 04:40:29 UTC
From: jmpickrelljr <jmpickrell@comcast.net>
Topic: 3369 Message: 3369

I was wondering if one of you antenna gurus out there can give me a bit of help.

I currently have an Eavesdropper-C installed under my roof eaves only about 8' above the ground (Deed Restriction limitation). It works well but I would, of course, like to improve the performance of my R75.

We're, supposedly, going to get a relaxation of the Deed Restrictions that would allow me to maybe raise it about 6' (for a total of maybe 15').

Question, is it worth the effort? Will the increase in signal strenght be noticable on the S-Meter?

Thanks.

John Pickrell

3370. Re: [icomr75] Antenna Height

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-26 04:55:34 UTC
From: Jeff Santee
Topic: 3369 Message: 3370

I currently have an Eavesdropper-C installed under my roof eaves only about 8' above the ground (Deed Restriction limitation). It works well but I would, of course, like to improve the performance of my R75.

We're, supposedly, going to get a relaxation of the Deed Restrictions that would allow me to maybe raise it about 6' (for a total of maybe 15').

Question, is it worth the effort? Will the increase in signal strenght be noticable on the S-Meter?
==========

If your eaves are metal,, I would say do it. If they are the plastic variety it probably wont make a noticeable improvement. Im kind of in your same situation, kind of a pain in the hiney isnt it?

Jeff

[Non-text portions of this message have been removed]

3371. Re: [icomr75] Antenna Height

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-27 10:31:50 UTC
From: Rik van Riel
Topic: 3369 Message: 3371

On Fri, 27 Dec 2002, jmpickrelljr wrote: > We're, supposedly, going to get a relaxation of the Deed Restrictions > that would allow me to maybe raise it about 6' (for a total of maybe > 15'). > > Question, is it worth the effort? Will the increase in signal > strenght be noticable on the S-Meter? Believe it or not, but the maximum height above the ground of my best tropical band and medium wave antenna is about 1 meter. This antenna outperforms my T2FD by about 20 dB for .5 to 3.5 MHz. My T2FD (which is at 3 to 5 meters above the ground) seems to be able to receive well on pretty much all frequencies between 4 and 40 MHz. I have no idea whether it'd be doing better at higher heights, but I'm pretty sure that: 1) it wouldn't fix the performance problems on the low frequencies (where I simply use another antenna instead) 2) I don't need the extra performance between 4 and 40 MHz, where the T2FD is already performing great Rik -- Bravely reimplemented by the knights who say "NIH". http://www.surriel.com/ http://guru.conectiva.com/ Current spamtrap: october@...

3372. Re: Who does R75 Mods?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-28 01:09:47 UTC
From: just_rtfm <just_rtfm@yahoo.com>
Topic: 3354 Message: 3372

howdy Michael:

welcome aboard! i believe someone said that KIWA would be up to speed soon (January).

regards,

phil :)

3373. Re: Reading the manual-very necessary

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-28 01:23:28 UTC
From: just_rtfm <just_rtfm@yahoo.com>
Topic: 3311 Message: 3373

hi Russ:

the AGC works on SSB but unfortunately on AM the AGC inside Motorola's chip is set too fast and ruins overall AGC function. Rado has a fix.

regards,

phil :)

3374. Re: [icomr75] Antenna Height

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-28 01:24:00 UTC
From: jimvaljef@aol.com
Topic: 3369 Message: 3374

In a message dated 12/27/02 5:32:37 AM Eastern Standard Time,
riel@... writes:

>
> Believe it or not, but the maximum height above the ground of my
> best tropical band and medium wave antenna is about 1 meter

Rik, what is the antenna that is 1 meter above ground? Jim

[Non-text portions of this message have been removed]

3375. Re: [icomr75] Re: Reading the manual-very necessary

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-28 03:12:18 UTC
From: Russ Kiehne
Topic: 3311 Message: 3375

Will this make the agc work like my Sat800?

Russ
----- Original Message -----
From: <just_rtfm@...>
To: <icomr75@yahoogroups.com>
Sent: Friday, December 27, 2002 5:23 PM
Subject: [icomr75] Re: Reading the manual-very necessary

> hi Russ:
>
>
>
>
> the AGC works on SSB but unfortunately on AM the AGC inside Motorola's
> chip is set too fast and ruins overall AGC function. Rado has a fix.
>
>
>
>
> regards,
>
>
> phil :)
>
>
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

3376. Re: Reading the manual-very necessary

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-28 03:38:46 UTC
From: just_rtfm <just_rtfm@yahoo.com>
Topic: 3311 Message: 3376

hi Russ:

Rado's AM AGC fix involves one capacitor. KIWA does this fix along
with the sync mod for $45.

regards,

phil :)

3377. Re: Suspicious Diode in MW Bandpass Filter Section

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-28 03:50:38 UTC
From: just_rtfm <just_rtfm@yahoo.com>
Topic: 3363 Message: 3377

hi Guy:

look at the specs here:

http://www.semicon.panasonic.co.jp/cat/pdf/A00000GE05-05.pdf

> but I have little familiarity with switching diodes.

i have no formal electronics training [corrections welcome]...

diode D172 allows the direct current switching signal (B0) to switch RF and thus prevents running the RF line all over the PCB (as a mechanical switch would necessitate). regulatory positive DC enters the system via R174 [make sure this component is not an open and that DC voltage is present], moving to R173 in parallel with R171/R172, C175 blocks DC, allowing the switching voltage to enter the PIN diode anode (small signal AC is now permitted through the device [probably seen as a capacitor to AC]), C361 blocks DC and the switching signal is shunted to ground through R361 [check for open], L361 acts as an RFC (radio frequency choke) blocking incoming AC from being grounded [check for open]. R171/R172/R173 form a pi network RF attenuator, AC being shunted to ground for the network via C176 (DC switching signal is blocked).

regards,

phil :)

3378. Re: Suspicious Diode in MW Bandpass Filter Section

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-28 04:16:06 UTC
From: bobinhoser <bobinhoser@yahoo.com>
Topic: 3363 Message: 3378

```
--- In icomr75@yahoogroups.com, "just_rtfm <just_rtfm@y...>"
<just_rtfm@y...> wrote:
> hi Guy:
>
>
>
>
> look at the specs here:
>
>
>
>
> http://www.semicon.panasonic.co.jp/cat/pdf/A00000GE05-05.pdf
>
>
>
>
> > but I have little familiarity with switching diodes.
>
>
>
>
> i have no formal electronics training [corrections welcome]...
>
>
>
>
> diode D172 allows the direct current switching signal (B0) to
switch
> RF and thus prevents running the RF line all over the PCB (as a
> mechanical switch would necessitate). regulatory positive DC enters
> the system via R174 [make sure this component is not an open and
that
> DC voltage is present], moving to R173 in parallel with R171/R172,
> C175 blocks DC, allowing the switching voltage to enter the PIN
diode
> anode (small signal AC is now permitted through the device
[probably
> seen as a capacitor to AC]), C361 blocks DC and the switching
signal
> is shunted to ground through R361 [check for open], L361 acts as an
> RFC (radio frequency choke) blocking incoming AC from being
grounded
> [check for open]. R171/R172/R173 form a pi network RF attenuator,
AC
```

> being shunted to ground for the network via C176 (DC switching
signal
> is blocked).
>
>
>
>
> regards,
>
>
> phil :)
hi phil. i think a 1n914 or equivalent would work fine. radio shack
used to sell them 10 for a buck, they may still do. you could mount
it vertically,so you could space the leads to match the chip diode.
diodes have a polarity, anode and cathode, it has to match what you
ate jumpering. hope this helps. BOB...

3379. Re: [icomr75] Antenna Height

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-28 11:48:29 UTC
From: Rik van Riel
Topic: 3369 Message: 3379

On Fri, 27 Dec 2002 jimvaljef@... wrote: > In a message dated 12/27/02 5:32:37 AM Eastern Standard Time, > riel@... writes: > > > Believe it or not, but the maximum height above the ground of my > > best tropical band and medium wave antenna is about 1 meter > > Rik, what is the antenna that is 1 meter above ground? Jim It's vaguely like a dipole. One side is insulated hookup wire, maybe 50 meters of it, going through bushes and over high grass. The other side is maybe 15 meters of insulated hookup wire, 4 meters of it wound around an iron fence that goes on for another 20 to 30 meters. Works great on MF and the tropical band frequencies. regards, Rik -- Bravely reimplemented by the knights who say "NIH". http://www.surriel.com/ http://guru.conectiva.com/ Current spamtrap: october@...

3380. Re: Suspicious Diode in MW Bandpass Filter Section

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-28 14:38:02 UTC
From: als_radios <aburzynski@swri.edu>
Topic: 3363 Message: 3380

Hello Guy,
You could replace this component with an HP-5082-3080 or HP-5082-3081 pin diode. The 1N914 is a silicon switching diode. It should be replaced with one of the HP mentioned above.

There is an excellent article called Tips for Improving Receiver Performance at:

http://www.kiwa.com/rxtips.html

Note the section on Input Filters where it specifically talks about switching and pin diodes.

Al
KA6JGV

--- In icomr75@yahoogroups.com, "thinkdx <dx@g...>" <dx@g...> wrote:
> Hi All,
> However, if this is a defective part, what might be a suitable
> replacement in a leaded component that I could locate easily, such
> as at a Radio Shack store?
> Guy Atkins
> Puyallup, WA USA

3381. Re: Suspicious Diode in MW Bandpass Filter Section

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-28 14:43:54 UTC
From: als_radios <aburzynski@swri.edu>
Topic: 3363 Message: 3381

I don't believe it, I sent my call incorrectly! It's KA5JGV not
KA6JGV. I guess I'm still dreaming about California. :)

Al
KA5JGV

3382. Re: [icomr75] Re: Reading the manual-very necessary

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-28 15:53:05 UTC
From: Russ Kiehne
Topic: 3311 Message: 3382

Is this the file? I found this in the file section. I have a friend who is a cheif engineer at a radio station here in the bay area. I think he'll do the work for me.

S-AM mod v2.1.pdf
R75 S-Am mod v2.1, see posts 877-884
----- Original Message -----
From: <just_rtfm@...>
To: <icomr75@yahoogroups.com>
Sent: Friday, December 27, 2002 7:38 PM
Subject: [icomr75] Re: Reading the manual-very necessary

> hi Russ:
>
>
>
>
> Rado's AM AGC fix involves one capacitor. KIWA does this fix along
> with the sync mod for $45.
>
>
>
>
> regards,
>
>
> phil :)
>
>
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

3383. Re: Reading the manual-very necessary

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-28 17:06:00 UTC
From: just_rtfm <just_rtfm@yahoo.com>
Topic: 3311 Message: 3383

hi Russ:

i hear version 2.0 or 2.1 are both good. i did version 2.0 on my radio.

phil :)

3384. Re: [icomr75] Re: Reading the manual-very necessary

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-28 17:21:41 UTC
From: Russ Kiehne
Topic: 3311 Message: 3384

Thanks, i'll download it. I want to wait a wile before I do any mods to the radio.
Russ
----- Original Message -----
From: <just_rtfm@...>
To: <icomr75@yahoogroups.com>
Sent: Saturday, December 28, 2002 9:06 AM
Subject: [icomr75] Re: Reading the manual-very necessary

> hi Russ:
>
>
>
>
> i hear version 2.0 or 2.1 are both good. i did version 2.0 on my
> radio.
>
>
>
>
> phil :)
>
>
>
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

3385. RE: [icomr75] Re: Suspicious Diode in MW Bandpass Filter Section

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-28 17:54:18 UTC
From: Guy Atkins
Topic: 3363 Message: 3385

Hi Phil, Bob and Al:

Thanks for all your helpful comments on the MW attenuator section of the R75. On Thursday afternoon I performed most of these checks on my R75, although the work was much more difficult because the stereo microscope I was used to having at work is currently out for repairs. I didn't check L361... I hope that component is not the one! :^) I checked, and then replaced D172 with a 1N914 diode but no improvement.

I ran out of time and interest on this problem, so yesterday I delivered the rig to the Service Dept. at ICOM-USA headquarters in Bellevue. That's one reason I like owning an ICOM-- it's great to have service & parts within driving distance. Althought their web site says "5-10 working days" for turn-around, I was told it's more like 12-14 days now.

Guy Atkins
Puyallup, WA

[Non-text portions of this message have been removed]

3386. Re: [icomr75] Re: Suspicious Diode in MW Bandpass Filter Section

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-29 03:38:18 UTC
From: Radostin Danev
Topic: 3363 Message: 3386

Hi Guy,

Did you check if the control DC reaches the valve?

Well, I hope Icom will fix it for you. You are the first person I know of who gave his modded R75 for repair at Icom service center. Did you discuss with them about warranty and mods? Are they going to revert the MW bandpass filter to original state (un-mod it)? Maybe it all depends on the person who will service it.

Happy holidays!

Rado

----- Original Message -----
From: "Guy Atkins" <dx@...>
To: <icomr75@yahoogroups.com>
Sent: Sunday, December 29, 2002 2:54 AM
Subject: RE: [icomr75] Re: Suspicious Diode in MW Bandpass Filter Section

> Hi Phil, Bob and Al:
>
> Thanks for all your helpful comments on the MW attenuator section of the
> R75. On Thursday afternoon I performed most of these checks on my R75,
> although the work was much more difficult because the stereo microscope I
> was used to having at work is currently out for repairs. I didn't check
> L361... I hope that component is not the one! :^) I checked, and then
> replaced D172 with a 1N914 diode but no improvement.
>
> I ran out of time and interest on this problem, so yesterday I delivered
the
> rig to the Service Dept. at ICOM-USA headquarters in Bellevue. That's one
> reason I like owning an ICOM-- it's great to have service & parts within
> driving distance. Althought their web site says "5-10 working days" for
> turn-around, I was told it's more like 12-14 days now.
>
> Guy Atkins
> Puyallup, WA
>
>
>
> [Non-text portions of this message have been removed]
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com

>
>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>

3387. RE: [icomr75] Re: Suspicious Diode in MW Bandpass Filter Section

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-29 04:25:42 UTC
From: Guy Atkins
Topic: 3363 Message: 3387

Hi Rado,

I checked for the DC control voltage, and it swung about 9.3 volts when I tuned above and below the 1.6 MHz cut-off frequency. So, I presume the control voltage is OK.

It was with a bit of initial concern that I turned this modified radio over to ICOM. However, I decided that with all the receivers & transceivers they must get in for repairs, they probably see modded radios on an occasional basis. I know there are quite a few mods known in the ham community for well-aged rigs like the IC-735 and others.

I printed out a detailed description of the problem for the ICOM techs and gave it to the Service Dept. person. I also listed the mods I have installed and described what portions of the PCB & components they attach to. Most importantly, on the paper I mentioned that the other mods work correctly and asked them to *not* remove any mod(s) unless absolutely necessary to fix the MW attenuation problem. For ICOM's reference I also included a color printout of the MW attenuation mod file (PDF) which Phil compiled from Peter Gianakopoulos' information.

I hope this helps them to solve the difficulty with minimum fuss! I was told that turn-around time is currently 12-14 business days. When I had a R-70 in for repairs some years ago, they also said "12-14 business days" but they had it ready for me in 8 days. I'm hoping their current estimate is conservative!
-----Original Message----
From: Radostin Danev [mailto:rado@...]
Sent: Saturday, December 28, 2002 7:38 PM
To: icomr75@yahoogroups.com
Subject: Re: [icomr75] Re: Suspicious Diode in MW Bandpass Filter Section

Hi Guy,

Did you check if the control DC reaches the valve?

Well, I hope Icom will fix it for you. You are the first person I know of who gave his modded R75 for repair at Icom service center. Did you discuss with them about warranty and mods? Are they going to revert the MW bandpass
filter to original state (un-mod it)? Maybe it all depends on the person who
will service it.

Happy holidays!

Rado

----- Original Message -----
From: "Guy Atkins" <dx@...>
To: <icomr75@yahoogroups.com>
Sent: Sunday, December 29, 2002 2:54 AM
Subject: RE: [icomr75] Re: Suspicious Diode in MW Bandpass Filter Section

> Hi Phil, Bob and Al:
>
> Thanks for all your helpful comments on the MW attenuator section of the
> R75. On Thursday afternoon I performed most of these checks on my R75,
> although the work was much more difficult because the stereo microscope
I
> was used to having at work is currently out for repairs. I didn't check
> L361... I hope that component is not the one! :^) I checked, and then
> replaced D172 with a 1N914 diode but no improvement.
>
> I ran out of time and interest on this problem, so yesterday I delivered
the
> rig to the Service Dept. at ICOM-USA headquarters in Bellevue. That's
one
> reason I like owning an ICOM-- it's great to have service & parts within
> driving distance. Althought their web site says "5-10 working days" for
> turn-around, I was told it's more like 12-14 days now.
>
> Guy Atkins
> Puyallup, WA
>
>
>
> [Non-text portions of this message have been removed]
>
>
> To unsubscribe from this group, send an email to:
> icomr75-unsubscribe@egroups.com
>
>
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>

To unsubscribe from this group, send an email to:
icomr75-unsubscribe@egroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

3388. Re: [icomr75] Antenna Height

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-29 06:06:03 UTC
From: Bruce Jensen
Topic: 3369 Message: 3388

--- Rik van Riel wrote: > On Fri, 27 Dec 2002 jimvaljef@... wrote: > > In a message dated 12/27/02 5:32:37 AM Eastern Standard Time, > > riel@... writes: > > > > > Believe it or not, but the maximum height above the ground of my > > > best tropical band and medium wave antenna is about 1 meter > > > > Rik, what is the antenna that is 1 meter above ground? Jim > > It's vaguely like a dipole. One side is insulated hookup wire, > maybe 50 meters of it, going through bushes and over high grass. > The other side is maybe 15 meters of insulated hookup wire, 4 > meters of it wound around an iron fence that goes on for another > 20 to 30 meters. Thanks, Rik - It's the length and the Iron Fence that makes this one a winner ;-) Bruce Jensen ********** > > Works great on MF and the tropical band frequencies. > > regards, > > Rik > -- > Bravely reimplemented by the knights who say "NIH". > http://www.surriel.com/ http://guru.conectiva.com/ > Current spamtrap: href=mailto:"october@...">october@... > ===== Cheers, Bruce Jensen ~~~~~~~~~~~~ The Astronomy Connection http://observers.org/ Internat'l DarkSky Ass'n http://www.darksky.org/~ida/ ShortWaveRadio http://groups.yahoo.com/group/ShortWaveRadio _____ Do you Yahoo!? Yahoo! Mail Plus - Powerful. Affordable. Sign up now. http://mailplus.yahoo.com

3389. Source for 450 kHz filters

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-29 10:38:57 UTC
From: rezeiwer <jarmo.patala@luukku.com>
Topic: 3389 Message: 3389

Does anybody know source to purchase Murata or equivalent 450 kHz IF filters?

73 rezeiwer

3390. R75 Vs. FRG-100

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-29 14:54:42 UTC
From: jgalante2000 <jgalante@netzero.net>
Topic: 3390 Message: 3390

I just recently sold my Yaesu FRG-100 receiver and I am wondering is the R75 a qood quality replacement is the sensetivity as good or better than the Yaesu receiver? any info would be appreciated. What are the pro and cons of this receiver?

3391. Re: [icomr75] R75 Vs. FRG-100

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-29 21:53:27 UTC
From: REMcgee2030@cs.com
Topic: 3390 Message: 3391

If you liked the FRG-100, you will love the R-75. I own both, and they are both great receivers in my opinion.

Bob

[Non-text portions of this message have been removed]

3392. Re: [icomr75] Antenna Height

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-30 01:26:04 UTC
From: jimvaljef@aol.com
Topic: 3369 Message: 3392

In a message dated 12/28/02 6:49:37 AM Eastern Standard Time,
riel@... writes:

> It's vaguely like a dipole. One side is insulated hookup wire,
> maybe 50 meters of it, going through bushes and over high grass.
> The other side is maybe 15 meters of insulated hookup wire, 4
> meters of it wound around an iron fence that goes on for another
> 20 to 30 meters.
>
> Works great on MF and the tropical band frequencies.

Thanks for that information Rik. I think I will make one of those or
something similar to it. Jim

[Non-text portions of this message have been removed]

3393. RE: [icomr75] R75 Vs. FRG-100

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-30 11:48:03 UTC
From: Craig Seager
Topic: 3390 Message: 3393

This is really comparing apples and oranges; the FRG-100 is a well performed receiver, but is aimed at a slightly less discerning market. Both the Yaesu and R75 are very sensitive receivers, but sensitivity shouldn't be the major consideration. Most serious receivers have adequate sensitivity, but it is selectivity and strong signal handling performance that are more relevant specifications. The R75 is ahead in both regards, and offers more options in respect of filter selection.

Add to this features such as notch, twin passband tuning, keypad frequency entry (without additional add-ons), dual preamps, DSP noise reduction etc. and it becomes clear that the R75 is a natural upgrade move from an FRG-100. I did just that a couple of years ago, and have never looked back.

Regards

Craig.

-----Original Message-----
From: jgalante2000 <jgalante@...> [mailto:jgalante@...]
Sent: Monday, 30 December 2002 1:55 AM
To: icomr75@yahoogroups.com
Subject: [icomr75] R75 Vs. FRG-100

I just recently sold my Yaesu FRG-100 receiver and I am wondering is the R75 a qood quality replacement is the sensetivity as good or better than the Yaesu receiver? any info would be appreciated. What are the pro and cons of this receiver?

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3394. Re: [icomr75] R75 Vs. FRG-100

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-30 15:30:35 UTC
From: Russ Kiehne
Topic: 3390 Message: 3394

Being blind, I especially like:
UT-102 Voice Synthesizer
announces frequency, mode, signal strength and time.
The FRG-100 doesn't have this option.
----- Original Message -----
From: "Craig Seager" <rainbow_serpent12@...>
To: <icomr75@yahoogroups.com>
Sent: Monday, December 30, 2002 3:48 AM
Subject: RE: [icomr75] R75 Vs. FRG-100

> This is really comparing apples and oranges; the FRG-100 is a well
> performed receiver, but is aimed at a slightly less discerning market.
> Both the Yaesu and R75 are very sensitive receivers, but sensitivity
> shouldn't be the major consideration. Most serious receivers have
> adequate sensitivity, but it is selectivity and strong signal handling
> performance that are more relevant specifications. The R75 is ahead in
> both regards, and offers more options in respect of filter selection.
>
> Add to this features such as notch, twin passband tuning, keypad
> frequency entry (without additional add-ons), dual preamps, DSP noise
> reduction etc. and it becomes clear that the R75 is a natural upgrade
> move from an FRG-100. I did just that a couple of years ago, and have
> never looked back.
>
>
> Regards
>
>
> Craig.
>
>
>
> -----Original Message-----
> From: jgalante2000 <jgalante@...> [mailto:jgalante@...]
> Sent: Monday, 30 December 2002 1:55 AM
> To: icomr75@yahoogroups.com
> Subject: [icomr75] R75 Vs. FRG-100
>
> I just recently sold my Yaesu FRG-100 receiver and I am wondering is
> the R75 a qood quality replacement is the sensetivity as good or
> better than the Yaesu receiver? any info would be appreciated. What
> are the pro and cons of this receiver?
>
>
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>

3395. Coax Type

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-31 02:45:57 UTC
From: Moxie3
Topic: 3395 Message: 3395

I'm a little confused, actually much more, about which type coax to buy. The total length of wire required from the antenna to the radio will be either 100 feet or 50 feet depending upon which route I follow. I realize that the shorter length the better but I may have no choice but go with the 100 foot route. I've read somewhere that the RG-8/X is good up to 100 feet; over 100 feet is supposed to be a different type coax because of signal loss. Would anyone know the loss of signal with using 50 feet of wire vs. 100 feet of RG-8/X?

Secondly, the Passport Evaluation of Popular Outdoor Antennas White Paper recommends either RG-223/U or RG-213/U; it doesn't even mention RG-8/X. Furthermore, I don't even see RG-223/U in the Universal Radio catalog. Which in your opinion is the 'standard' cable that most of you use? Any help would be appreciated.
George

[Non-text portions of this message have been removed]

3396. Re: [icomr75] Coax Type

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-30 03:22:19 UTC
From: Jeff Santee
Topic: 3395 Message: 3396

----- Original Message -----
From: Moxie3
To: icomr75@yahoogroups.com
Sent: Tuesday, December 31, 2002 2:45 AM
Subject: [icomr75] Coax Type

I'm a little confused, actually much more, about which type coax to buy. The total length of wire required from the antenna to
the radio will be either 100 feet or 50 feet depending upon which route I follow. I realize that the shorter length the better but
I may have no choice but go with the 100 foot route. I've read somewhere that the RG-8/X is good up to 100 feet; over 100 feet is
supposed to be a different type coax because of signal loss. Would anyone know the loss of signal with using 50 feet of wire vs.
100 feet of RG-8/X?
==========

Most loss charts start at 100mhz. so at freqs. at the sw spectrum
up to 30mhz or so, loss is a fairly insignificant figure. If you got
a "good" quality RG58 cable I doubt it would make any significant difference
between a good quality RG 58 and RG 8 on the recieving end. If there would be
any loss it would be in the fractions of a db. Even if there was a 1-2 db
diference(which I doubt there would be) thats not enough to make a noticeable
difference. Above 100mhz is a different story.

Jeff

[Non-text portions of this message have been removed]

3397. Trade?

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-31 04:38:56 UTC
From: Lloyd <lloyd_vfp@msn.com>
Topic: 3397 Message: 3397

Would anyone like to trade?

I have a Icom R-75 receiver. No mods. It does have the UT-106 (DSP). There is nothing wrong with the radio.

I'd like to trade for a Yeasu FT-817. Dont need any fancy filters or antennas with it. Just the plain jane radio. With a battery of course.

Lloyd Davies,
N0VFP

3398. Re: Coax Type

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-31 05:04:50 UTC
From: just_rtfm <just_rtfm@yahoo.com>
Topic: 3395 Message: 3398

hi Moxie3:

> Would anyone know the loss of signal with using 50 feet

> of wire vs. 100 feet of RG-8/X?

coax is better than wire because of the shielding. RG-8, RG-58, and RG-174 are all 52 ohms [diameter gets smaller respectively]. i agree with Jeff... larger diameters technically may be lower loss but their main advantage is power capacity... this is important to ham operators. FWIW a PL-259 doesn't need an adapter to mount on RG-8.

phil :)

3399. Re: Coax Type

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-31 05:55:58 UTC
From: Jim Hackett <jim_hack@yahoo.com>
Topic: 3395 Message: 3399

I use RG-58 with no problems. I don't believe it matters too much for H.F. (unless you're transmitting). I think it would matter MORE for VHF/UHF, and only if you use lengths over 50ft...

--- In icomr75@yahoogroups.com, "Moxie3" <moxie3@e...> wrote:
> I'm a little confused, actually much more, about which type coax to buy. The total length of wire required from the antenna to the radio will be either 100 feet or 50 feet depending upon which route I follow. I realize that the shorter length the better but I may have no choice but go with the 100 foot route. I've read somewhere that the RG-8/X is good up to 100 feet; over 100 feet is supposed to be a different type coax because of signal loss. Would anyone know the loss of signal with using 50 feet of wire vs. 100 feet of RG-8/X?
>
> Secondly, the Passport Evaluation of Popular Outdoor Antennas White Paper recommends either RG-223/U or RG-213/U; it doesn't even mention RG-8/X. Furthermore, I don't even see RG-223/U in the Universal Radio catalog. Which in your opinion is the 'standard' cable that most of you use? Any help would be appreciated.
> George
>
> [Non-text portions of this message have been removed]

3400. Re: [icomr75] Re: Coax Type

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-31 10:36:35 UTC
From: Gert Nilsson
Topic: 3395 Message: 3400

If you live in an area with low interference level, perhaps you should try using the antenna wire all the way to the receiver, and then try the High impedance antenna input. At least on the AM band you get better match with the ANT2 input with short antennas, less than perhaps 200 feet.

If you have a lot of local interference I would recommend the RG58 and a balun feeding the wire antenna. The loss is just fractions of dB unless you have very long feedlines.
----- Original Message -----
From: just_rtfm <just_rtfm@...>
To: icomr75@yahoogroups.com
Sent: Tuesday, December 31, 2002 5:04 AM
Subject: [icomr75] Re: Coax Type

hi Moxie3:

> Would anyone know the loss of signal with using 50 feet

> of wire vs. 100 feet of RG-8/X?

coax is better than wire because of the shielding. RG-8, RG-58, and
RG-174 are all 52 ohms [diameter gets smaller respectively]. i agree
with Jeff... larger diameters technically may be lower loss but their
main advantage is power capacity... this is important to ham
operators. FWIW a PL-259 doesn't need an adapter to mount on RG-8.

phil :)

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[Non-text portions of this message have been removed]

3401. [W]ide Filter Mode While Surfing...

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-19 06:23:08 UTC
From: PjrOhio@EarthLink.Net
Topic: 3401 Message: 3401

.

Yes, I do this when dialing about the bands and
not always knowing if it'll be USB or LSB.

So, in either mode, I select [W]ide and surf
the band(s). Whatever SB is transmitting,
it'll be heard in [W]ide mode.

:D-&=;

- Patrick

.

3402. R-75 vs Palstar R-30 vs Sangean ATS-909 (ECSS)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-23 22:34:22 UTC
From: PjrOhio@EarthLink.Net
Topic: 3402 Message: 3402

.

"...unfortunately the Palstar has no sync and the
20 Hz tuning steps are not ideal for ECSS."

Yes. In BCL, with my R71A half-dead, I wanted to get another
radio with that same 1Hz tuning. Easy choice: R75.

:)&-=;

Ever try ECSS with an ATS-909? 40Hz tuning.

:O|-=:

- Patrick

.

3403. VersaCorder

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-31 18:52:24 UTC
From: Bob
Topic: 3403 Message: 3403

Does anybody use the Sangean VersaCorder sold by C. Crane Co. with their radios? I am thinking about it for time shifting shortwave broadcasts and for recording milcoms while I am not at the scanner. My questions are:

1. How is the sound quality at its 1/4 speed setting?
2. Does the VOX mode work with the line input or only with the mic?
3. Is the 5 second gap it records in the VOX mode after a transmission a problem?
4. Any other comments?

I saw the review on this product in Monitoring Times, but I would like to hear from anybody who has actually used this recorder in their shack.

Thanks.

Bob

3404. Coax

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-31 20:26:58 UTC
From: Moxie3
Topic: 3404 Message: 3404

Thank you everyone for your responses, very much appreciated. And wishing everyone a Happy New Year.
George

3405. Murata Filters

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-31 23:00:41 UTC
From: vargasvidal <vargasvidal@eveloz.com>
Topic: 2555 Message: 3405

Hi, everybody,

Very Happy New Year to all of you!

Some filters as Murata can be found at www.jabdog.com/filters.htm

Greetings from Panama,

Carlos

3406. Re: R-75 vs Palstar R-30 vs Sangean ATS-909 (ECSS)

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-31 23:46:37 UTC
From: just_rtfm <just_rtfm@yahoo.com>
Topic: 3402 Message: 3406

hi Patrick:

> Ever try ECSS with an ATS-909? 40Hz tuning.

i haven't touched my ATS-818 since i compared it to my "then new" R75.
SSB on the 818 has bad drift and the noise is horrible. the step from
portable to tabletop is a huge one... especially on SSB.

HAPPY NEW YEAR EVERYBODY!!!

phil :)

3422. Re: [icomr75] Placed order for my 75 and Drake MS8.

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-31 17:58:37 UTC
From: Jeff Santee
Topic: 3407 Message: 3422

----- Original Message -----
From: idbusman <cwells@...>

Hi! The name is Cliff and I am new here...I looked over many of your
posts on this room and found a wide range of knowledge and expertise
here helping me to make the purchase decision. Was looking at the
Yaesu 5000 and found out it was junk...suprised me.
==========
Hi Cliff

Im sure you will be very pleased with the R 75 (have one). If your interests
are HF it will work very well for you. Im curious about your statement about
the VR 5000 being "junk" (have one of these too) and I love mine. It doesnt
have all the bells and whistles that the R 75 has but it is a very capable reciever.
I have read where the VR isnt good on HF and doesnt recieve ssb hardly at all.
This view doesnt reflect my experience in the least. Mine recieves ssb extremely
well, radio for radio the VR will recieve all but the very weakest of signals the R 75
will.
I'm serious about this. The VR does drop out if your into MW signals but from 160
meters on up it really does an excellent job. I know the early versions had problems
but I think they must be resolved by now. (I did have to put an FM trap filter on mine)
but when you have a transmitting tower almost in your back yard I suspected I was
going to have to do this. The FM images only showed up above 50-60 mhz and up
and were quite annoying ,but the trap took care of that. In any event Im sure you'll
like the R 75.

Jeff

[Non-text portions of this message have been removed]

3423. Re: [icomr75] Placed order for my 75 and Drake MS8.

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-31 18:05:46 UTC
From: Jeff Santee
Topic: 3407 Message: 3423

----- Original Message -----
From: Russ Kiehne
To: icomr75@yahoogroups.com
Sent: Wednesday, January 01, 2003 3:44 PM
Subject: Re: [icomr75] Placed order for my 75 and Drake MS8.

You are right about the Yeasu VR5000! I had a friend of mine return it
within a week. He ended up with the r8500.
==========
You'll have to admit the VR 5000 and the Icom R8500 is not exactly comparing
apples to apples. Its a whole different class of recievers. My VR 5000 works
very well indeed for what I use it for.

Jeff

[Non-text portions of this message have been removed]

3426. Re: [icomr75] Placed order for my 75 and Drake MS8.

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-12-31 20:51:11 UTC
From: Jeff Santee
Topic: 3407 Message: 3426

----- Original Message -----
From: Russ Kiehne

| yaesu VR-5000
Help
Reviews Summary for yaesu VR-5000
yaesu VR-5000
Reviews: 11
Average rating: 2.0/5
MSRP: $800
Description: Multimode HF/VHF/UHF Receiver
==========
I dont care much for reviews. I like to find things out for
myself. Some people are so biased for one reason or another
that they would not give a decent review no matter what. Just because
the MSRP says 800$ you can actually get them for 499$ or so
==========
KG8CO
Rating: 0/5
Dec 27, 2002 20:01
Send this review to a friend
VR-5000 Saga
Time owned: months

that's how the radio is, and there aren't any bug repairs. The tech said the
VR-5000
==========
There have been many documented bugs from the early versions till now.
I have a hard time believing anyone from Yaesu would make a statement like that.
I think there has been some "literary license" taken here.
==========

Hooked up the rig to my 80/160 dipole, and the only way I could listen to
anything
was that I had
to put in the attenuation switch. I was thinking,
==========
This is/was the problem. Putting the VR on that large of an antenna will
overload the front end badly.
==========

Still not sure what the radio is truely worth, however my wife picked me up
a radio
for the shower the other day. Think the radio was about
$20.00. That $20.00 radio out performs the VR-5000! Now that is really sad.
Besides the radio having some poor design features, the front end of the

==========
As I stated before, it isnt a good MW radio.
==========

VY0HL
Rating: 1/5
Dec 18, 2002 14:44
Send this review to a friend
Stay away from the VR-5000
Time owned: more than 12 months
Let's be candid here; Yaesu is not a new kid on the block. They have
produced some
very nice
equipment over the years; the FT-101 series,
several CAT tranceivers, the venerable FT-736
satellite box, and of course the FT-1000 and its
many iterations. What is most remarkable about
the VR-5000 saga is how Yaesu completely missed
the mark with this rcvr.
There are many problems with this radio; the operating manual is missing
crutial
information,
==========
True
==========
the user interface is horrid, there is, apparently
no way to program via a pc, there are some
receiver issues, etc., etc. But, perhaps, the most
==========
True
==========

AF4KK
Rating: 5/5
Oct 23, 2002 16:46
Send this review to a friend
SWEET radio!!
Time owned: more than 12 months
This radio is a real TREAT! When I first got the radio is July of 2001, I
found that
it was a bear to program! Once you learn the learning curve, it can be okay
to program
but there are alot of steps to take. Alphanumeric programming takes even
more of
an effort!
Once you have it programmed, however, it is a wonderful receiver! The
sensitivity
is excellent, it has a wide frequency range, a very useful DSP function, a
cool voice
synthesizer (a bit wierd sounding) and even a digital recorder that capture
20 seconds

of audio!
I originally had firmware version 1.3 but I sent that radio is for an
"update". Version
1.7 works even better. What I have now is a smoother-operating radio with
less PLL
"hiss"!
If you have the patience to laern the programming methods, I would
reccommend the
VR-5000 to anybody!
Also, the price is lower than ever!!
AA5CH
Rating: 1/5
Feb 20, 2002 19:41
Send this review to a friend
and on the 5th day....
Time owned: 0 to 3 months
When I attempted to switch from programmed memory scan mode (PMS!) to memory
channel
scan, the VR5000 display locked up...no audio output and none of the front
panel
controls (INCLUDING THE POWER SWITCH) were functioning. I had to remove the
dc power
plug and wait a few minutes before it would power up normally, but it locked
up again
after turning the VFO dial. With the assistance of a very helpful dealer
rep, I was
able to reset the ROM (depress clear button on power up) but of course all
memories
were lost....
My options...reprogram all the memories and hope that whatever keystroke
sequence
or software glitch that caused the malfunction never occurs again; return
the receiver
for warranty repair and wait weeks HOPING that it is actually repaired; or
return
it to the dealer and apply whatever credit they can give me to an Icom 8500.
It will be a tight fit, but I believe the 8500 will look good on the shelf.
==========
His loss of control was one of the problems the radio had and usually had to do with
low voltage. 0-3 months of use is not enough time to get to know this radio
==========

GOODGUY
Rating: 4/5
Feb 11, 2002 15:13
Send this review to a friend
Update
Time owned: 0 to 3 months
After writing my previous review on 2/8/02 I have continued testing in the
460 mhz

region. I don't know what changed . . . but the receiver now seems to be receiving
fine in that general range.
I can't explain why it is now receiving properly . . . the antennas are all the same
etc. My only explanation is that my previous test methods were faulty in some way.
However, to balance the good/bad again a new annoying thing has popped-up: the receiver
"image rejection" seems marginal. We have several local FM radio (broadcast) stations
and they can be clearly heard in several places.
E.g. 98.1 can be heard strongly at 111.75.
104.5 can be heard clearly at 118.150.
The difference in each case is 13.65 mhz, which if not a direct 'image' is some conbination
of frequency monkey-motion.
At any rate, I still like the little receiver!
W3PDY
Rating: 2/5
Feb 8, 2002 22:01
Send this review to a friend
short commings of the VR-5000
Time owned: 0 to 3 months
I find this receiver to have some very basic faults that render it unaccepable. Within
6 days of owning it it went brain dead. Took over 6 hours with power supply unplugged
to come out of it's coma. Since then this happened 2 other times that resulted in
a complete loss of all programmed memories (about 60 ch). Which brings me to the
biggest short comming of this receiver. The CAT interface will not address the receivers
memory which means you can not store or modify the programming of memory on a PC.
I was amazed that a micro-controlled radio of this price range did have a complete
computer interface and command set. Major feature fault!
As for the manual, it is incomplete at best. It's missing a number of feature discriptions
and some menus discribed in the manual does not match the receiver's. It's hard to
follow, poorly organized and written. On top of all that when I tried to contact
Yaesu it took over two weeks for them to responded to my first email. Once they did
they could not explain to me how some of the functions were actived or used. The
tech support person (Chip) could not answer a number of operational

questions and
had to research the answers. After about 4 or 5 email exchanges over the
past 3 months
I still don't have all my questions answered. I find this to be unbelievable
and
unacceptable support from Yaesu.
I'm now asking the dealer to take it back since the problem with brain
death, memory
loss and lack of a means to store/restore memory programming render the
programming
part of the receiver unusable. I didn't pay over $900 for an incomplete or
defective
receiver.
My suggestion to others looking at the VR-5000 is to look for something
else. This
receiver needs a lot of work to make it ready for release to the public. I
believe
the firmware has major bugs that need to be fixed. Oh, by the way it is not
field
upgradable so even if they fix the code you'll have to send it back for the
upgrade.
Another amazing short fall in this day and age of flash memory and
field/user installed
upgrades.
YAESU...you blew this one big time!!!!
==========
Another loss from low voltage ,,,, it will lock it up. Lack of computer control is
a major issue with alot of people .
==========

AA9WG
Rating: 0/5
Nov 21, 2001 08:31
Send this review to a friend
Absolute CRAP!!!
Time owned: 0 to 3 months
What's worse is Yaesu's flat out refusal to so much as acknowledge
many of the '5000's defects! (The smart search 'bug' for example, BTW
the 'work-around' [using the clear key] was effective on but a moiety
of the radio's tested) -- Out of curiosity, I have purchased 10
(that's right TEN!) VR-5000s and found each to have its own,
unique 'syndrome' EVEN WITHIN THE SAME FIRMWARE VERSIONS!
(Principally 1u.13)- missing band segments being among the most
egregious!
==========
Who in there right mind would buy 10 radios they claim to hate???
Missing band segments. European maybe but not US versions, except cell.
==========
LISTENER007
Rating: 4/5

Apr 24, 2001 03:37
Send this review to a friend
Things Get Better
Time owned: 0 to 3 months
Since adding my first review a while ago, I can justifiably say that this receiver
just gets better each time I use it, most likely because I have basically gotten
over the "break-in" period for this complex radio, oh! and since the manual hasn't
been all that much help (apart from the most basic functions), I have begun to push
buttons and choose menu options of my own accord and they are yielding some great
results...
This radio is really beginning to grow on me and continues to impress me with its
performance. Since I last posted the "first" VR-5000 review, I have lifted my Diamond
Discone antenna a few more feet in the air, so it is now a bit higher that the apex
of the roof and that has really made a difference, not to the closer stations but
to the more distant ones. I regularly enjoy listening to full strength, or at least
higher strength than before, stations and its a real pleasure.
I have seen a few of the criticisms of this radio, from others,, and I have had a
few myself but to those who speak the loudest, I can only say "own one for a little
while and I am sure you will like it". I know this is not a practical way to answer
those non-believers as they most likely already have spent their mountains of gold
on their choice but I bet they too, will find something to get upset about in their
new investment(s) - whether they are honest enough to admit it is another thing though..
I, personally, still class this radio as a "receiver/scanner" as opposed to a "scanner"
when all things are weighed up, considered and then compared to others. It does have
many or even just about all the attributes of many other scanners but it may not
be as fast or have all the bells and whistles that other brands have,, so for that
reason, it may be considered to be a tiny little bit behind the eightball in terms
of the latest available in "absolute scanning" - You,, can choose the absolute king

of scanners for yourselves... The VR-5000 does, however, have a highly
configurable
menu system (even if it is a little hard to get used to) and lots of hidden
features
which are now emerging via the little VR-5000 networks that are popping up
like mushrooms.
Many of the buttons and combinations of, are also being discussed via the
"grapevine"
too.
I feel confident in saying that this receiver will become either a major
talking
point or a very popular radio or maybe even, both. From what I hear, the
user manual
is being reprinted right now but that is only from one source who was
supposed to
have contacted Yaesu. If this is true then I am sure things are looking up.
To my
knowledge, this "manual issue" may well have been Yaesu's first big mistake
(in terms
of non compliance or falling short of the mark) and I am sure they will not
let it
happen again...
Stay tuned.......
Page 1 of 2
==========

I have never said the radio was perfect,, re-read what I did write. "It works very well for me, especially on the HF bands" It does have some drawbacks, crappy manual no computer control etc. Mine has never once "died" on me. It just works and works very well. I'll say it again "there is no comparison between the VR and the IC 8500, except they are both radios, they are not in the same class,, what is the going price for the 8500??

[Non-text portions of this message have been removed]

6200. Re: [icomr75] UT-106 included with order?

Yahoo group: icomr75 (2000 — 2002)
Date: 1990-12-09 03:41:53 UTC [implausible archived timestamp]
From: Kerry B. Wynne
Topic: 6195 Message: 6200

Having just received my ICOM R-75 a few days ago from Ham Radio Outlet ($450), the actual circuit board module was included in the shipment. It would be a good idea to ask your sales person to be sure and not forget to put it in the box, because the circuit board add-on is packaged in a separate box.

KW
----- Original Message -----
From: Jim Reimer
To: pabigelow
Sent: Monday, December 08, 2003 8:19 PM
Subject: Re: [icomr75] UT-106 included with order?

pabigelow wrote:

> When ordering the R-75 and the UT-106 is free (as from Universal
> Radio) does the UT-106 accompany the radio or is a coupon issued and
> then the coupon has to be sent to Icom and Icom sends the UT-106?

Mine was shipped with the radio.

-jdr-

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[Non-text portions of this message have been removed]

6322. WINDOWS XP SOFTWARE FOR R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 1990-12-24 03:16:23 UTC [implausible archived timestamp]
From: Kerry B. Wynne
Topic: 6322 Message: 6322

Hello R-75 Group.

Does anyone know if there is any software to interface the R-75 to a Windows XP Home Edition computer?

Thanks!

KBW

[Non-text portions of this message have been removed]

6335. Re: [icomr75] Re: R75 vs Drake R8

Yahoo group: icomr75 (2000 — 2002)
Date: 1990-12-26 23:00:18 UTC [implausible archived timestamp]
From: Kerry B. Wynne
Topic: 6330 Message: 6335

Hello Group.

I second Guy's comment that having the complete MW attenuation removal on the R-75 should give it much better MW-LW sensitivity that just shorting the pads. Recently I sent my new R-75 to Craig at KIWA to have the MW-LW attenuation completely removed. The modification cost me $25 instead of the $50 he charges for shorting the pads. It is the same modification available in detail on the R-75 page.

With the complete removal of the MW-LW attenuation, my R-75 now comes to with just a tiny hair of my PALSTAR R-30C without using the R-75's pre-amps on MW and LW. With pre-amp #1 it is certainly equal. With pre-amp #2, it is superior to the R-75 in situations where intermodulation is not a problem. (Intermodulation is a problem with pre-amp #2 where I live because of two near-by 5KW MW transmitters, one of which is less than 8 blocks from my home and is directional at night in my direction.)

Furthermore, as good as the PALSTAR R-30C is at resistance to front-end over-load, the R-75 with complete MW-LW attenuation is slightly better than the R-30C in this area when the pre-amps are not used. This, in my opinion, is amazing.

I am just starting to DX in the long-wave spectrum and anxious to log some trans-Atlantic LW dx.

KBW
----- Original Message -----
From: Guy Atkins
To: icomr75@yahoogroups.com
Sent: Friday, December 26, 2003 1:45 PM
Subject: RE: [icomr75] Re: R75 vs Drake R8

Hi Al,

If you can get the full MW/LW attenuator modification done to your R75, it will provide a good amount of additional sensitivity compared to just shorting the pads. I'm very glad I did this mod, as it really helped make the R75 perform closer to my AR7030 for foreign mediumwave DX. It requires good experience soldering and a delicate touch if you do it yourself (plans are in the files section of the R75 Yahoogroup), but Craig at Kiwa offers this mod, too.

For the NDBs, my modded R75 and modded AR7030 perform very close to one another. There are occasions where the AOR picks up something that the ICOM cannot, and vice-versa.

Guy Atkins
Puyallup, WA USA

-----Original Message-----
From: als_radios [mailto:aburzynski@...]
Sent: Friday, December 26, 2003 10:27 AM
To: icomr75@yahoogroups.com
Subject: [icomr75] Re: R75 vs Drake R8

--- In icomr75@yahoogroups.com, Rick Robinson kf4ar <kf4ar@a...>
wrote:
> Not much has been posted about the LW capabilities of the R75 but
I've found
> it be a superb LW receiver.
> Rick Robinson kf4ar
> Hendersonville, NC

Hello Rick,
I agree with you on the performance of the R75 for longwave
listening. I too am an NDB hunter and I find the R75 to be the best
of my bunch. I also own an Icom 745 transceiver and a Ten-Tec RX-350
receiver.

For program listening, the Ten-Tec is the best of the bunch. The
audio quality is great. When I want to listen to content, I bring out
the Ten-Tec. When I want to DX, it's the R75.

I modified my R75 by replacing the 15kHz FL-23 filter with a 6kHz FL-
116 (audio quality in not an issue for DXing). I also shorted the
pads of the lf attenuator to increase the low frequency gain
slightly. I can't say for sure that these changes made an improvement
to my NDB hunting, but in principle, reducing the filter width should
have somewhat reduced the overall noise and noise floor of the
receiver.

If I had to choose between my radios, I would still keep all of them.
I can transmit on my 745, DX on the R75, and enjoy programs
(especially with my DRM mod) on my Ten-Tec.

http://home.satx.rr.com/ka5jgv/

Al KA5JGV
San Antonio, Tx.

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[Non-text portions of this message have been removed]

6349. MW DX ADVICE REQUESTED

Yahoo group: icomr75 (2000 — 2002)
Date: 1990-12-29 00:08:42 UTC [implausible archived timestamp]
From: Kerry B. Wynne
Topic: 6349 Message: 6349

Hello Group. I'm hoping for some expert technical help in the area of MW dx'ing.

Today I had my MW dx'ing confidence blown to shreds. Wanting a frame of reference for my three good communications receivers, including my fully modified R-75, I compared them with what the radios in our two cars could do on some of the weaker stations around noon today. To my great distress, my car radios were able to pull in these weak test signals as well as, or almost as well as, my three communications receivers hooked up to a 175' random wire antenna! And the car radios were doing it with a 31" whip and base loading coil (as is the case with all car radios).

Perhaps it is because my 175' random wire antenna doesn't go in a straight line. It goes down one side of the yard, across the back fence, from there up to the chimney, and from there straight out to a tree at the street.

Particularly upsetting to me was that the car radios were able to pull in 1020KC KDKA from Pittsburg, PA from here in South Western Ohio about as well as the communications receivers hooked up to my 175' random wire. This signal is the weakest reliable day-time DX signal available to me at this time of year.

Perhaps my random wire is too long. The best DX results I have ever had were with a 100' random wire antenna and a multi-tap loading coil in conjunction with older sets like the DRAKE SPR-4, Zenith TransOceanic Royal 7000Y, and REALISTIC DX-160. These older sets don't have any L-C circuitry in their front-ends, so supplying some inductance between the antenna and the sets worked great, provided the antenna is shorter than the desired wave length. The newer receivers seem to incorporate the right values of inductance in their front ends to give acceptable performance at each frequency with antennas that range between 30 and 100 feet. I judge this to be the case because adding inductance to my random wire turns my old DX-160 into a BCB power house, but added inductance from a multi-tap loading coil clearly decreases the performance of my PALSTAR R-30C and my modified R-75.

These are the kind of questions that go through my mind: (1) Am I expecting too much from 175 feet of wire? (2) Would a KIWA Loop or Quantum Loop antenna hooked up to a fine communications receiver work better than a car radio? (3) Should I shorten my random wire to 75-100 feet and try a variable tap loading coil again?

Thanks for your help.

KBW

[Non-text portions of this message have been removed]

6356. HELP WITH MW DX RESPONSES

Yahoo group: icomr75 (2000 — 2002)
Date: 1990-12-29 23:29:27 UTC [implausible archived timestamp]
From: Kerry B. Wynne
Topic: 6356 Message: 6356

Thanks to Phil and Atagrasin for responding to my request for helping to boost my MW reception.

Phil, I will take your advice and either make a home-made loop antenna or buy a Quantum Loop. As you say, this should be superior to the 175' of random wire I am now using, and it should be superior to my car radio.

Atagrasin, I will take your advice to try to straighten out my random wire antenna. I just might have enough space in my back yard for a K9AY. What are the dimensions in feet or metres square that would have to have to put one up? If it is comparable to some beverage antennas, it is just what I want. Also, I do have Pete's attenuator removal mod on my R-75. Craig at KIWA Electronics did it for me. This modification costs $25 USD instead of the $5 USD for the one that merely shorts the pads.

Thanks, again, to both of you. I have printed out your responses for my file.

To others in the group, I still invite your comments and assistance as well. Again, I am pleading that the radios in my two cars perform about as well on MW as my R-75 (and other receivers) hooked up to my 175' of random wire antenna.

Thanks!

KBW

[Non-text portions of this message have been removed]

6360. Re: [icomr75] Re: HELP WITH MW DX RESPONSES

Yahoo group: icomr75 (2000 — 2002)
Date: 1990-12-30 00:50:46 UTC [implausible archived timestamp]
From: Kerry B. Wynne
Topic: 6356 Message: 6360

Gary:

It's great to hear from a Quantum Loop QX-PRO owner. The directional capability is appealing, since many of the stations I want to DX have other signals on the same frequency.

Can you compare it's raw signal pulling power to a good car radio. Let's say there is a 50,000 day-time power house 500 miles away with no other stations on the frequency and the signal is so weak that it is difficult to understand any of the programming. Which will do better? The Loop with a good communications receiver attached to it, or the good car radio with the antenna fully extended?

Thanks!

KBW
----- Original Message -----
From: Gary Kinsman
To: icomr75@yahoogroups.com
Sent: Monday, December 29, 2003 6:46 PM
Subject: [icomr75] Re: HELP WITH MW DX RESPONSES

Hi Kerry,

I have a Quantum QX Pro Loop, which has a 15" ferrite loop head. In contrast to a car whip antenna, which is omnidirectional, the QX Pro is quite directional, which allows improving the desired signal while rejecting undesired signals in different directions. The QX Pro is also great for reducing local noise; this is accomplished by properly rotating and tilting the loop head. I'm very happy with my QX Pro.

Regards,
Gary

--- In icomr75@yahoogroups.com, "Kerry B. Wynne" <k.wynne@w...> wrote:
> To others in the group, I still invite your comments and assistance as well. Again, I am pleading that the radios in my two cars perform about as well on MW as my R-75 (and other receivers) hooked up to my 175' of random wire antenna.
>
> Thanks!
>
> KBW

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6361. Re: [icomr75] Re: HELP WITH MW DX RESPONSES

Yahoo group: icomr75 (2000 — 2002)
Date: 1990-12-30 00:53:00 UTC [implausible archived timestamp]
From: Kerry B. Wynne
Topic: 6356 Message: 6361

Atagrasin:

It will be a tight fit, and I think my wife might complain, but I think I'll try it.
Thanks again!

KBW

----- Original Message -----
From: atagrasin
To: icomr75@yahoogroups.com
Sent: Monday, December 29, 2003 6:54 PM
Subject: [icomr75] Re: HELP WITH MW DX RESPONSES

> Atagrasin, I will take your advice to try to straighten out my
random wire antenna. I just might have enough space in my back yard
for a K9AY. What are the dimensions in feet or metres square that
would have to have to put one up? If it is comparable to some
beverage antennas, it is just what I want. Also, I do have Pete's
attenuator removal mod on my R-75. Craig at KIWA Electronics did it
for me. This modification costs $25 USD instead of the $5 USD for
the one that merely shorts the pads.
>
> Thanks, again, to both of you. I have printed out your responses
for my file.
>
The dimensions in square feets for a K9AY are about 40 square feets.
Atagrasin

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6362. Re: [icomr75] Re: HELP WITH MW DX RESPONSES

Yahoo group: icomr75 (2000 — 2002)
Date: 1990-12-30 00:56:23 UTC [implausible archived timestamp]
From: Kerry B. Wynne
Topic: 6356 Message: 6362

Phil:

Again, thanks for the information about the Quantum QX. It would never have entered my mind to try it with a good car radio, but I think I will! I'll study the K9AY information and see if I can get one up soon.

I'll report back to the group next when I have accomplished the desired improvement. Happy New Year to all.

KBW
----- Original Message -----
From: just_rtfm
To: icomr75@yahoogroups.com
Sent: Monday, December 29, 2003 7:16 PM
Subject: [icomr75] Re: HELP WITH MW DX RESPONSES

hi Kerry:

you're very welcome. the Quantum QX has 40 dB of gain and up to 60 dB nulls. some car radios do well on MW [and are expensive too]: try them with a loop also. my $10 AM radio is pretty poor without the RS loop next to it. here is some K9AY info [also see Wellbrook]:

http://www.hard-core-dx.com/nordicdx/antenna/loop/k9ay/index.html

regards,
phil :)

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6379. Re: [icomr75] Re: HELP WITH MW DX RESPONSES

Yahoo group: icomr75 (2000 — 2002)
Date: 1990-12-31 02:51:11 UTC [implausible archived timestamp]
From: Kerry B. Wynne
Topic: 6356 Message: 6379

G. Sanford:

Thanks for the great links for the K9AY, Wellbrook, and the two loop links. It's good to know there is a discussion group available.

KBW
----- Original Message -----
From: G. Sanford
To: icomr75@yahoogroups.com
Sent: Monday, December 29, 2003 10:47 PM
Subject: [icomr75] Re: HELP WITH MW DX RESPONSES

Here are some links worth pursuing:

Phil mentioned the K9AY page:

http://www.hard-core-dx.com/nordicdx/antenna/loop/k9ay/index.html
Also worth mentioning is that this antenna can be scaled down for
SWL only use. I'd try it if I didn't live in a condo.

The Wellbrook (IMO stellar) design K9AY is depicted here:
http://www.wellbrook.uk.com/K9AY.html
Also have a look at their well regarded loop antennas.

The Yahoo Loop Antenna group is here:
http://groups.yahoo.com/group/loopantennas

A loop antenna page with links:
http://www.frontiernet.net/~jadale/Loop.htm

These should get you started.

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[Non-text portions of this message have been removed]

6380. Re: [icomr75] Re: HELP WITH MW DX RESPONSES

Yahoo group: icomr75 (2000 — 2002)
Date: 1990-12-31 02:54:33 UTC [implausible archived timestamp]
From: Kerry B. Wynne
Topic: 6356 Message: 6380

Gary:

Thanks, again, for your comments about the Quantum QX Pro. I have been wavering between purchasing a PALSTAR MW55P MW pre-selector/antenna tuner and a QX Pro. I am leaning toward the QX Pro because it assists with LW as well as MW. Perhaps some day I'll post a comparison between a good car radio and the QX Pro.

KBW
----- Original Message -----
From: Gary Kinsman
To: icomr75@yahoogroups.com
Sent: Monday, December 29, 2003 11:39 PM
Subject: [icomr75] Re: HELP WITH MW DX RESPONSES

Hi Kerry,

I can't really answer your question regarding the raw signal pulling power of the R75 with the Quantum QX Pro versus a car radio with a standard whip.

What I can tell you is that it's much more pleasant to listen to my R75 than the car radio. The R75 has more and better IF filters, and S-AM mode (Kiwa modified) cuts down on selective fading distortion. The IF filter on my car radio is very wide, and let's in all kinds of adjacent channel garbage.

Regards,
Gary

--- In icomr75@yahoogroups.com, "Kerry B. Wynne" <k.wynne@w...> wrote:
> Gary:
>
> It's great to hear from a Quantum Loop QX-PRO owner. The directional capability is appealing, since many of the stations I want to DX have other signals on the same frequency.
>
> Can you compare it's raw signal pulling power to a good car radio. Let's say there is a 50,000 day-time power house 500 miles away with no other stations on the frequency and the signal is so weak that it is difficult to understand any of the programming. Which will do better? The Loop with a good communications receiver attached to it, or the good car radio with the antenna fully extended?
>
> Thanks!
>
> KBW

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6381. Re: [icomr75] Re: HELP WITH MW DX RESPONSES

Yahoo group: icomr75 (2000 — 2002)
Date: 1990-12-31 02:58:42 UTC [implausible archived timestamp]
From: Kerry B. Wynne
Topic: 6356 Message: 6381

Phil:

Thanks for your definitive comments regarding the car radio with the R-75 hooked up to an RS Loop. I'm going to get one and probably build a K9AY loop in my back yard. With the Quantum Loop, you can hook up a random wire also.

KBW
----- Original Message -----
From: just_rtfm
To: icomr75@yahoogroups.com
Sent: Tuesday, December 30, 2003 1:35 AM
Subject: [icomr75] Re: HELP WITH MW DX RESPONSES

hi Kerry:

the R75 has better specs than a car radio. my $10 AM radio with an RS
loop will beat a car radio hooked to its whip. the antenna is
critical on MW. R75 versus car, hooked to the same antenna... a few
percent of stations will be too weak for most car radios to hear.
also stations adjacent to strong local ones will probably be buried.
this is for IDing, for listening to tough stations there is no
contest... the R75 has many features to clean up a signal.

regards,
phil :)

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[Non-text portions of this message have been removed]

6382. Re: [icomr75] Question on ground connection

Yahoo group: icomr75 (2000 — 2002)
Date: 1990-12-31 03:09:10 UTC [implausible archived timestamp]
From: Kerry B. Wynne
Topic: 6369 Message: 6382

Neil:

I also have an R-75 and a SANGEAN ATS-909. I use them with a 175' random wire antenna fed from a balun I got from the Shortwave Store in Canada through an MFJ-956 pre-selector. On the R-75 I hook up to the 50 ohm connector. With the ATS-909 / DX-398, I use short jumper cables to connect the coax to a stereo 1/8" mini-plug plugged into the external antenna jack.

It is with the Sangean radio that the powerful help from the balun is apparent. If I use an earth ground with the Sangean, I get all kinds of intermodulation products across LW-MW and the lower SW bands, but if I connect the outside ring of the coax to the grounding terminal on the 1/8" stereo plug, a huge amount of the intermod products go away!

I have an 8' metal rod driven into wet ground as my Earth ground. The Earth ground helps the R-75 just a little bit on MW and LW, but not on the SW bands.

The Shortwave Store in Canada makes the baluns in their own facility and sells them for about $30. A similar product costs about $50 from Universal Radio in Ohio.

KBW
----- Original Message -----
From: neilbell_99
To: icomr75@yahoogroups.com
Sent: Tuesday, December 30, 2003 10:01 AM
Subject: [icomr75] Question on ground connection

Where my new R-75 will go, there is no possibility of a real earth grounding rod. I could connect to the house electrical "ground" but wonder about induced noise. I have a 75' longwire antenna which on my Sangean, I simply clipped on to the whip.

I assume that when my R-75 arrives, I will connect that to the 500 ohm antenna connector. Is the ground really essential?? Any suggestions geatly appreciated for this newbie to a "real" radio!

Should I put a coax feed on the longwire and use the other antenna connector? Balun ??

Neil Bell

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6393. Q-LOOP VS PALSTAR MW550P

Yahoo group: icomr75 (2000 — 2002)
Date: 1991-01-01 14:08:23 UTC [implausible archived timestamp]
From: Kerry B. Wynne
Topic: 6393 Message: 6393

Phil:

The main reason why I have been interested in the PALSTAR MW-550P is because of it's tremendously sharp rejection of adjacent channels due to it's extremely high Q. However, about a year ago I e-mailed Gerry Thomas at DX TOOLS about the QX-PRO. If I remember correctly, he said that the Q multiplier also helps to clean up front-end over-load in the presence of strong signals, by achieving a very high Q. He also said, if I can remember correctly, that the QX-PRO is equivalent to a 175 ft to 200 ft random wire 25 to 30 feet in the air.

Do you live near any MW stations, and, if so, can you tell me how effectively it reduces intermodulation on the MW band? If possible, I would like to know about this performance feature when used by itself and when used with a random wire external antenna hooked up to the external antenna connection.

Thanks!

KBW
----- Original Message -----
From: just_rtfm
To: icomr75@yahoogroups.com
Sent: Tuesday, December 30, 2003 10:22 PM
Subject: [icomr75] Re: HELP WITH MW DX RESPONSES

hi Kerry:

i really like my Quantum QX and recommend getting the QX Pro over the
Palstar tuner for MW DXing.

regards,
phil :)

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10678. Re: [icomr75] New Toy

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-13 13:57:49 UTC
From: KERRY B. WYNNE
Topic: 10677 Message: 10678

Jake:

I am interested to know how your MFJ 1026 nosie canceller works because I have powerline noise issues in my neighborhood. Of course, I think we are all interested in how the R-75 compares with the R-70 and NRD-525. My key point of interest would be how the receivers compare in their ability to handle strong AM (BCB) signals from near-by powerhouses without generating spurious responses in or out of band.

Thanks!

Kerry
----- Original Message -----
From: "Jerry" <jakeg7258@...>
To: <icomr75@yahoogroups.com>
Sent: Wednesday, October 12, 2005 7:40 PM
Subject: [icomr75] New Toy

> Just picked up a stock (with DSP) R75 from HRO in Burbank today.
>
> Looks nice right out of the box. It's the first NEW HF reciever
> I've owned in some time.
>
> Going to set it up tonight and see how it compares to the Icom R70
> and the JRC NRD525 I've had for many years. Both are good but I had
> to get a relative state of the art unit.
>
> The R70 and 525 both have outboard DSP audio filters and tuners.
>
> I will put an MFJ 1026 noise canceller and a tuner on the R75 If it
> turns out I need to.
>
> Going to have to put up another antenna, or unplug one of the other
> units, I guess.
>
> More later.
>
> Jake
>
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10683. Re: [icomr75] New Toy -- Reply

Yahoo group: icomr75 (2000 — 2002)
Date: 2002-10-13 19:33:12 UTC
From: KERRY B. WYNNE
Topic: 10677 Message: 10683

David:

Thanks, also, for your input re: the MFJ 1026. I don't think I would might hainvg to readjust each time frequencies are changed. That makes dial twisting even more fun.

Thanks, again.

Kerry
----- Original Message -----
From: "Hamilton Global Management" <mktg@...>
To: <icomr75@yahoogroups.com>
Sent: Thursday, October 13, 2005 10:20 AM
Subject: RE: [icomr75] New Toy -- Reply

>
> October 13, 2005
>
> Hi Kerry,
>
> I have used an MFJ 1026 for several years along with my R-75 and other
> receivers. It works great for its intended purpose -- removing noise
> (QRN)
> coming from a specific direction. I also have power line noise coming
> from nearby lines to the southwest. By adjusting the controls, I can
> get the noise to drop into the background.
>
> One note, the MFJ 1026 has to be readjusted each time you change
> frequencies. Even so, I have found it to be a very useful device.
>
> Hope this info helps.
>
> 73,
>
> David
>
> --
> David Andresen, W7HTJ
> 8103 104th St., S.W.
> Lakewood, WA 98498 USA
> Tel. (253) 588-4149
> Fax: (253) 588-4366
> E-mail: mktg@...
> --
>
> -----Original Message-----

> From: icomr75@yahoogroups.com [mailto:icomr75@yahoogroups.com] On Behalf
> Of
> KERRY B. WYNNE
> Sent: Sunday, October 13, 2002 6:58 AM
> To: icomr75@yahoogroups.com
> Subject: Re: [icomr75] New Toy
>
> Jake:
>
> I am interested to know how your MFJ 1026 nosie canceller works because I
> have powerline noise issues in my neighborhood. Of course, I think we are
> all interested in how the R-75 compares with the R-70 and NRD-525. My key
> point of interest would be how the receivers compare in their ability to
> handle strong AM (BCB) signals from near-by powerhouses without generating
> spurious responses in or out of band.
>
> Thanks!
>
> Kerry
> ----- Original Message -----
> From: "Jerry" <jakeg7258@...>
> To: <icomr75@yahoogroups.com>
> Sent: Wednesday, October 12, 2005 7:40 PM
> Subject: [icomr75] New Toy
>
>
>> Just picked up a stock (with DSP) R75 from HRO in Burbank today.
>>
>> Looks nice right out of the box. It's the first NEW HF reciever
>> I've owned in some time.
>>
>> Going to set it up tonight and see how it compares to the Icom R70
>> and the JRC NRD525 I've had for many years. Both are good but I had
>> to get a relative state of the art unit.
>>
>> The R70 and 525 both have outboard DSP audio filters and tuners.
>>
>> I will put an MFJ 1026 noise canceller and a tuner on the R75 If it
>> turns out I need to.
>>
>> Going to have to put up another antenna, or unplug one of the other
>> units, I guess.
>>
>> More later.
>>
>> Jake
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>> Yahoo! Groups Links
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11385. Re: [icomr75] R75/Kiwa

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-02-25 18:18:29 UTC
From: KERRY B. WYNNE
Topic: 11381 Message: 11385

Bill:

I am anxious to see how the AOR LA-380 works with your R-75. I am thinking about getting a loop of some kind, and have been looking at the AOR, Palomar, and Quantum loops. I specialize in day-time dx. Please let us all know how the combination of the R-75 and LA-380 work.

Kerry
----- Original Message -----
From: "Bill" <k9kz@...>
To: <icomr75@yahoogroups.com>
Sent: Saturday, February 25, 2006 1:07 AM
Subject: Re: [icomr75] R75/Kiwa

>
>> Bill:
>>
>> I have almost all the KIWA R-75 mods, including audio, sync, and total MW
>> attenuator disablement. I am extremely happy with my R-75. It works
>> much
>> better on MW than it did before and is almost the equal of my Palstar
>> R-30C
>> for MW DX.
>>
>> Kerry
>
> Hi Kerry, I'm looking forward to doing some MWing with my new AOR LA-380
> loop when I get it next week. Kiwa did the MW mod on my R75 too.
>
> Bill
>
>>
>>> Just wondering how many of you have Kiwa mods and are you happy with the
>>> mods?
>>>
>>> Bill
>
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> Yahoo! Groups Links
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11487. DC POWER CORD FOR R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-27 15:22:26 UTC
From: KERRY B. WYNNE
Topic: 11487 Message: 11487

Hello Group:

I need a power cord that plugs into a cigarette lighter 12V and plugs into DC power recepticle of the R-75. Some time ago I noticed some posts in regard to this, but I didn't pay mjuch attention to them since I thought I had such a cord. Turns out a "standard" cord won't work with the R-75 because the 12V recepticle's center post is larger in diameter than the usual 12V DC recepticle.

Can any one give me a Radio Shack parts number for the cord or tell me where I could get such a thing without having to buy the ICOM product for a very large sum of money?

Thanks for your help!

[Non-text portions of this message have been removed]

11489. Re: [icomr75] DC POWER CORD FOR R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-27 18:46:05 UTC
From: KERRY B. WYNNE
Topic: 11487 Message: 11489

Thanks, Don. I'll look up the previous posts!

----- Original Message -----
From: "Don" <stb55@...>
To: <icomr75@yahoogroups.com>
Sent: Monday, March 27, 2006 11:43 AM
Subject: Re: [icomr75] DC POWER CORD FOR R-75

> Look in the posts. I have several times reported the radio shack part #.
> Also look at camcorder charger power cords. They use similar. The plug
> is about a 6mm x 3mm.
>
> Don
> Upland, CA
> 34.1 -117.6
> 2 R-75 w/250Hz R-71A w/250Hz
> DSP599zx MFJ-784B AF1
> 2 170? wires L-400b
>
>
>
>
> KERRY B. WYNNE wrote:
>
>> Hello Group:
>>
>> I need a power cord that plugs into a cigarette lighter 12V and plugs
>> into DC power recepticle of the R-75. Some time ago I noticed some
>> posts in regard to this, but I didn't pay mjuch attention to them
>> since I thought I had such a cord. Turns out a "standard" cord won't
>> work with the R-75 because the 12V recepticle's center post is larger
>> in diameter than the usual 12V DC recepticle.
>>
>> Can any one give me a Radio Shack parts number for the cord or tell me
>> where I could get such a thing without having to buy the ICOM product
>> for a very large sum of money?
>>
>> Thanks for your help!
>>
>>
>>
>> [Non-text portions of this message have been removed]
>>
>>
>> --

>> YAHOO! GROUPS LINKS
>>
>> * Visit your group "icomr75
>> <http://groups.yahoo.com/group/icomr75>" on the web.
>> * To unsubscribe from this group, send an email to:
>> icomr75-unsubscribe@yahoogroups.com
>> <mailto:icomr75-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
>> Service <http://docs.yahoo.com/info/terms/>.
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> Yahoo! Groups Links
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11511. Re: [icomr75] Re: DC POWER CORD FOR R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-30 05:56:31 UTC
From: KERRY B. WYNNE
Topic: 11487 Message: 11511

Ray:

Thanks for the information on how to find information found in previous
posts re: power cord. Thanks!

Kerry
----- Original Message -----
From: "Raymond R Filmore" <rayfilmore@...>
To: <icomr75@yahoogroups.com>
Sent: Wednesday, March 29, 2006 7:46 AM
Subject: [icomr75] Re: DC POWER CORD FOR R-75

> --- In icomr75@yahoogroups.com, "KERRY B. WYNNE" <k.wynne@...> wrote:
>>
>> Hello Group:
>>
>> I need a power cord that plugs into a cigarette lighter 12V and
> plugs into DC power recepticle of the R-75. Some time ago I noticed
> some posts in regard to this, but I didn't pay mjuch attention to them
> since I thought I had such a cord. Turns out a "standard" cord won't
> work with the R-75 because the 12V recepticle's center post is larger
> in diameter than the usual 12V DC recepticle.
>>
>> Can any one give me a Radio Shack parts number for the cord or tell
> me where I could get such a thing without having to buy the ICOM
> product for a very large sum of money?
>>
>> Thanks for your help!
>
> --
>
> Look in the Files section for the group.
> R75 Power Connector.doc
> Lots of good info in the Files and Photos sections. Many times
> questions are answered there.
>
> Ray Filmore
>
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> Yahoo! Groups Links
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11633. Re: [icomr75] Palstar Service

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-09 04:57:50 UTC
From: KERRY B. WYNNE
Topic: 11621 Message: 11633

Tracey:

I here-by retract my "unparalled" statement. AOR UK takes the cake! That is really impressive!

I would appreciate a comparison between the AOR 7030 and the R-75, particularly in regard to front-end over-load from strong MW stations.

Until just recently I lived 7 blocks from a 5KW MW station that was directional in my direction after sunset. With my 175' long-wire antenna, I had trouble with spurious signals, partkicularly between 1.6 and 5MC, with both my R-75 and my R-30C.

Awaiting any possible post from you.

Thanks!

Kerry

----- Original Message -----
From: "Tracey Gardner" <tracey.gardner@...>
To: <icomr75@yahoogroups.com>
Sent: Monday, May 08, 2006 9:37 AM
Subject: [icomr75] Palstar Service

Hi Kerry

I'm sorry but I'll have to challenge your claim that the quality of service and standing behind the R-30 is
unparalleled in the industry.

I've got a couple of AOR 7030 receivers and Palstar would have to go some to beat the quality of service
that I get from AOR (UK)

Foe example, last week I took one of my receivers that I recently picked up on ebay in for some modifications.
It was dropped in with them at 11.00am and was ready for collection by the end of the afternoon.

The work included fitting a replacement display, changing the tuning encoder for a lower pulse rate one (my personal preference here, not actually needed), fitting a 250Hz CW filter, changing the back-up battery, replacing a lost rubber foot and wiring out the AGC line to a rear socket
They did all this work I was charged for one hours labour.

I also own a couple of R75s as well but no R30

Regards

Tracey

> It is my opinion, from what I have heard and observed, that the Palstar
> radio has good quality control, but not as good as the Icom R-75. On the
> other hand, the quality of service and standing behind the product is
> unparalelled in the industry.

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.1.392 / Virus Database: 268.5.5/333 - Release Date: 05/05/2006

Yahoo! Groups Links

11637. Re: [icomr75] Re: Palstar Service

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-09 14:51:47 UTC
From: KERRY B. WYNNE
Topic: 11621 Message: 11637

Jim:

Have you tried a pre-selector yet? I have both an MFJ-956 and a Palstar MW550P. Both work very well at taming a powerful MW signal. Although I am in the middle of moving from one house to another, the MW-550P seems to work better than the MFJ-956 on MW itself. However, the MFJ-956 permits preselecting on SW and tames spurious signals between 1.6 and 5mc very well.

----- Original Message -----
From: "Jim Hackett" <jim_hack@...>
To: <icomr75@yahoogroups.com>
Sent: Tuesday, May 09, 2006 2:41 AM
Subject: [icomr75] Re: Palstar Service

My R-75, just like everything else I own, chokes and pukes on the 50Kw AM blowtorch about 1/4 mile away (during the day)...

In icomr75@yahoogroups.com, "KERRY B. WYNNE" <k.wynne@...> wrote:
>
> Tracey:
>
> I here-by retract my "unparalled" statement. AOR UK takes the cake! That
> is really impressive!
>
> I would appreciate a comparison between the AOR 7030 and the R-75,
> particularly in regard to front-end over-load from strong MW stations.
>
> Until just recently I lived 7 blocks from a 5KW MW station that was
> directional in my direction after sunset. With my 175' long-wire antenna, I
> had trouble with spurious signals, partkicularly between 1.6 and 5MC, with
> both my R-75 and my R-30C.
>
> Awaiting any possible post from you.
>
> Thanks!
>
> Kerry
>
>
> ----- Original Message -----
> From: "Tracey Gardner" <tracey.gardner@...>

> To: <icomr75@yahoogroups.com>
> Sent: Monday, May 08, 2006 9:37 AM
> Subject: [icomr75] Palstar Service
>
>
> Hi Kerry
>
> I'm sorry but I'll have to challenge your claim that the quality
of service
> and standing behind the R-30 is
> unparalleled in the industry.
>
> I've got a couple of AOR 7030 receivers and Palstar would have to
go some to
> beat the quality of service
> that I get from AOR (UK)
>
> Foe example, last week I took one of my receivers that I recently
picked up
> on ebay in for some modifications.
> It was dropped in with them at 11.00am and was ready for
collection by the
> end of the afternoon.
>
> The work included fitting a replacement display, changing the
tuning encoder
> for a lower pulse rate one (my personal preference here, not
actually
> needed), fitting a 250Hz CW filter, changing the back-up battery,
replacing
> a lost rubber foot and wiring out the AGC line to a rear socket
> They did all this work I was charged for one hours labour.
>
> I also own a couple of R75s as well but no R30
>
> Regards
>
> Tracey
>
> > It is my opinion, from what I have heard and observed, that the
Palstar
> > radio has good quality control, but not as good as the Icom R-
75. On the
> > other hand, the quality of service and standing behind the
product is
> > unparalelled in the industry.
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> No virus found in this outgoing message.
> Checked by AVG Free Edition.
> Version: 7.1.392 / Virus Database: 268.5.5/333 - Release Date:
05/05/2006
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> Yahoo! Groups Links
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Yahoo! Groups Links

11647. Re: [icomr75] Re: R-30 and R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-10 05:24:24 UTC
From: KERRY B. WYNNE
Topic: 11609 Message: 11647

Bob:

Thanks for taking the time to summarize the Sherwood Labs test specifications between the R-75 and R-30 receivers. They are very similar!

The theory I have heard, as to why the R-30 is quieter on MW, suggests that the R-30 has less synthesizer noise. However, it seems to me that Bob's test results would be affected by synthesizer noise.

All I know is that in direct comparisons between my R-75 and R-30 receivers, I can ID extremely weak stations significantly better with the R-30.

Any ideas, anyone, as to why this is true?

Thanks!

Kerry
----- Original Message -----
From: "rhblumeng" <rblum@...>
To: <icomr75@yahoogroups.com>
Sent: Tuesday, May 09, 2006 11:24 AM
Subject: [icomr75] Re: R-30 and R-75

> --- In icomr75@yahoogroups.com, "KERRY B. WYNNE" <k.wynne@...> wrote:
>>
>> Scott:
>>
>> I have both a Palstar R-30C and a fully KIWA modified R-75,
> including the
>> complete BCB attenuator disablement. You can read my reviews of
> both radios
>> on EHAM.NET. You will recognize my reviews by their length and
>> apples-to-apples comparisons.
>>
>> Bottom line, the Palstar is a much quieter receiver, which makes it
>> significantly superior to the R-75 for MW dx'ing. Consistently on
> extremely
>> weak BCB day-time signals, the Palstar will give you a better
> signal and one
>> that is easier to understand the audio content to do station ID.
>>
> Hi Kerry -
>
> I only have an R-75 at the moment, but I have been studying the
> internet sources etc. carefully with an eye toward another receiver
> at some point. A good source of info on receiver testing is Rob
> Sherwoods receiver test data at http://www.sherweng.com/table.html

>
> He has tested both the R75 and the R30 with some highlights:
>
> Noise Floor: R75 -123 no preamp -130 with preamp1; R30 -123
> Sensitivity: R75 .5 no preamp .2 with preamp1; R30 .35
> Wide (20khz spacing) Dynamic Range R75 95; R30 90
> Narrow (2khz spacing) Dynamic Range R75 67; R30 64
>
> As you have noted, they are very comparable receivers.
>
> Hope you find that interesting/helpful
>
> Bob
>
>
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> Yahoo! Groups Links
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11648. Re: [icomr75] Re: r-75 and r-30

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-10 05:27:13 UTC
From: KERRY B. WYNNE
Topic: 11640 Message: 11648

Scott:

Sounds like you have serious trouble with QRM where you are. I have read extensively about the Timewave and MFJ noise phasers, and I wonder if one of these products would help you. From what I have read, if the noise is coming from one source, the results can be dramatic. The MFJ product requires modification for MW use.

Kerry
----- Original Message -----
From: "scott" <scootersemail@...>
To: <icomr75@yahoogroups.com>
Sent: Tuesday, May 09, 2006 5:03 AM
Subject: [icomr75] Re: r-75 and r-30

> HI Kerry, thanks for your input on the R-30. It
> sounds like a great radio. However I am spoiled
> with the DSP and dual PBT on the R-75. The R-30
> has no noise reduction at all and this is why I
> am curious as to what others who have them think.
> For the same money I could get another R-75 for
> portable use but the current draw on the R-75 is
> a lot. Well I will think about it, but I really
> hope Palstar puts a DSP option in the circut at
> some point. The noise levels here in the city are
> getting worse everyday and I need it frequently..
> Thanks again and good DX..Scott
>
> Both radios are an excellent value for your
> money. If you have no interest
>> in BCB dx'ing, the R-75 would be best if you
> are only going to get one of
>> the radios. If you are into BCB dx, the
> Palstar R-30 is the best choice if
>> you are going to get only one radio.
>>
>> Kerry
>>
>
>
> _____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam protection around
> http://mail.yahoo.com
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> Yahoo! Groups Links
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11649. Re: [icomr75] Re: Palstar Service

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-10 05:29:23 UTC
From: KERRY B. WYNNE
Topic: 11621 Message: 11649

Jim:

From what I have read, either one would probably be a good choice for SW. Neither would help with MW dx'ing, I don't believe. If you get one of these units, please share your experiences with the group.

Thanks!

Kerry
----- Original Message -----
From: "Jim Hackett" <jim_hack@...>
To: <icomr75@yahoogroups.com>
Sent: Tuesday, May 09, 2006 3:35 PM
Subject: [icomr75] Re: Palstar Service

No, not yet. I am torn between the MFJ-1020C or the 1045C...

--- In icomr75@yahoogroups.com, "KERRY B. WYNNE" <k.wynne@...> wrote:
>
> Jim:
>
> Have you tried a pre-selector yet? I have both an MFJ-956 and a
Palstar
> MW550P. Both work very well at taming a powerful MW signal.
Although I am
> in the middle of moving from one house to another, the MW-550P
seems to work
> better than the MFJ-956 on MW itself. However, the MFJ-956
permits
> preselecting on SW and tames spurious signals between 1.6 and 5mc
very well.
>
>
> ----- Original Message -----
> From: "Jim Hackett" <jim_hack@...>
> To: <icomr75@yahoogroups.com>
> Sent: Tuesday, May 09, 2006 2:41 AM
> Subject: [icomr75] Re: Palstar Service
>
>
> My R-75, just like everything else I own, chokes and pukes on the
> 50Kw AM blowtorch about 1/4 mile away (during the day)...
>
>
>
>

>
> In icomr75@yahoogroups.com, "KERRY B. WYNNE" <k.wynne@> wrote:
> >
> > Tracey:
> >
> > I here-by retract my "unparalled" statement. AOR UK takes the
> cake! That
> > is really impressive!
> >
> > I would appreciate a comparison between the AOR 7030 and the R-
75,
> > particularly in regard to front-end over-load from strong MW
> stations.
> >
> > Until just recently I lived 7 blocks from a 5KW MW station that
> was
> > directional in my direction after sunset. With my 175' long-wire
> antenna, I
> > had trouble with spurious signals, partkicularly between 1.6 and
> 5MC, with
> > both my R-75 and my R-30C.
> >
> > Awaiting any possible post from you.
> >
> > Thanks!
> >
> > Kerry
> >
> >
> > ----- Original Message -----
> > From: "Tracey Gardner" <tracey.gardner@>
> > To: <icomr75@yahoogroups.com>
> > Sent: Monday, May 08, 2006 9:37 AM
> > Subject: [icomr75] Palstar Service
> >
> >
> > Hi Kerry
> >
> > I'm sorry but I'll have to challenge your claim that the quality
> of service
> > and standing behind the R-30 is
> > unparalleled in the industry.
> >
> > I've got a couple of AOR 7030 receivers and Palstar would have to
> go some to
> > beat the quality of service
> > that I get from AOR (UK)
> >
> > Foe example, last week I took one of my receivers that I recently
> picked up

> > on ebay in for some modifications.
> > It was dropped in with them at 11.00am and was ready for
> collection by the
> > end of the afternoon.
> >
> > The work included fitting a replacement display, changing the
> tuning encoder
> > for a lower pulse rate one (my personal preference here, not
> actually
> > needed), fitting a 250Hz CW filter, changing the back-up battery,
> replacing
> > a lost rubber foot and wiring out the AGC line to a rear socket
> > They did all this work I was charged for one hours labour.
> >
> > I also own a couple of R75s as well but no R30
> >
> > Regards
> >
> > Tracey
> >
> > > It is my opinion, from what I have heard and observed, that the
> Palstar
> > > radio has good quality control, but not as good as the Icom R-
> 75. On the
> > > other hand, the quality of service and standing behind the
> product is
> > > unparalelled in the industry.
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> > --
> > No virus found in this outgoing message.
> > Checked by AVG Free Edition.
> > Version: 7.1.392 / Virus Database: 268.5.5/333 - Release Date:
> 05/05/2006
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> > Yahoo! Groups Links
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Yahoo! Groups Links

11654. Re: [icomr75] Re: R-30 and R-75

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-05-11 04:49:20 UTC
From: KERRY B. WYNNE
Topic: 11609 Message: 11654

Steve:

Good thoughts on the R-30 audio intelligibility. It could be simply an audio issue, or it could be lower synthesizer noise, or the design of the AM demodulation circuit. Perhaps when I get my antenna set up at our new home with underground utilities and lower QRM, I will be able to research the differences more.

Kerry
----- Original Message -----
From: "Steve Dresser" <s.dresser@...>
To: <icomr75@yahoogroups.com>
Sent: Wednesday, May 10, 2006 9:10 AM
Subject: Re: [icomr75] Re: R-30 and R-75

> Kerry,
>
> The difference you hear might just be in the audio circuitry, which
> wasn't part of the test data. It would be interesting to know such
> things as distortion specs. Icom has never done a particularly good
> job with receiver audio when it comes to distortion. Also,
> equalization might be a factor. A slightly different emphasis of one
> part of the spectrum could make it easier to pick weak stations out
> of the noise. In the absence of hard data, all of this is
> speculation, but that's what makes it interesting.
>
> Steve
>
> On Thursday 5/10/01 01:24 KERRY B. WYNNE wrote:
>>Bob:
>>
>>Thanks for taking the time to summarize the Sherwood Labs test
>>specifications between the R-75 and R-30 receivers. They are very
>>similar!
>>
>>The theory I have heard, as to why the R-30 is quieter on MW, suggests
>>that
>>the R-30 has less synthesizer noise. However, it seems to me that Bob's
>>test results would be affected by synthesizer noise.
>>
>>All I know is that in direct comparisons between my R-75 and R-30
>>receivers,
>>I can ID extremely weak stations significantly better with the R-30.
>>
>>Any ideas, anyone, as to why this is true?
>>

>>Thanks!
>>
>>Kerry
>>----- Original Message -----
>>From: "rhblumeng" <rblum@...>
>>To: <icomr75@yahoogroups.com>
>>Sent: Tuesday, May 09, 2006 11:24 AM
>>Subject: [icomr75] Re: R-30 and R-75
>>
>>
>> > --- In icomr75@yahoogroups.com, "KERRY B. WYNNE" <k.wynne@...> wrote:
>> >>
>> >> Scott:
>> >>
>> >> I have both a Palstar R-30C and a fully KIWA modified R-75,
>> > including the
>> >> complete BCB attenuator disablement. You can read my reviews of
>> > both radios
>> >> on EHAM.NET. You will recognize my reviews by their length and
>> >> apples-to-apples comparisons.
>> >>
>> >> Bottom line, the Palstar is a much quieter receiver, which makes it
>> >> significantly superior to the R-75 for MW dx'ing. Consistently on
>> > extremely
>> >> weak BCB day-time signals, the Palstar will give you a better
>> > signal and one
>> >> that is easier to understand the audio content to do station ID.
>> >>
>> > Hi Kerry -
>> >
>> > I only have an R-75 at the moment, but I have been studying the
>> > internet sources etc. carefully with an eye toward another receiver
>> > at some point. A good source of info on receiver testing is Rob
>> > Sherwoods receiver test data at http://www.sherweng.com/table.html
>> >
>> > He has tested both the R75 and the R30 with some highlights:
>> >
>> > Noise Floor: R75 -123 no preamp -130 with preamp1; R30 -123
>> > Sensitivity: R75 .5 no preamp .2 with preamp1; R30 .35
>> > Wide (20khz spacing) Dynamic Range R75 95; R30 90
>> > Narrow (2khz spacing) Dynamic Range R75 67; R30 64
>> >
>> > As you have noted, they are very comparable receivers.
>> >
>> > Hope you find that interesting/helpful
>> >
>> > Bob
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12203. Re: [icomr75] Re: Now hear this..

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-04 19:05:08 UTC
From: k.wynne
Topic: 12184 Message: 12203

Bob:

I have two tuners, an MFJ-956 and Palstar MW-550P. You can read my comparison and contrast of these two tuners by going to EHAM.net and looking up my review on the MW-550P.

Think of the tuners are filters. If you live in a strong signal area, especially with powerful MW transmitters near-by, you may not hardly be able to use your radio without an antenna pre-selector. There is a difference, I believe, between a pre-selector and an antenna tuner. I explain my theory about the difference between the two in my reivew of the MW-550P, but I am not technically educated enough in radio to know if my theory is correct, and I stand to be corrected by more knowledgeable radio enthusiasts.

You will not find a signal increase except under a few conditions, but you will find far fewer images. If you have a radio with a poor front-end, like the Grundig S-350, the MFJ-956 would eliminate almost all the unwanted images, even though it is a single conversion receiver.

Hope this helps.

KBW

----- Original Message -----
From: Bob
To: icomr75@yahoogroups.com
Sent: Saturday, November 04, 2006 12:16 PM
Subject: Re: [icomr75] Re: Now hear this..

It has been my understanding that tuners are effective (and necessary with wire antennas) for transmitting, but do little to nothing for receiving. Can anyone else weigh in on this?

Bob
Bucks County, PA

----- Original Message -----
From: w4oab
To: icomr75@yahoogroups.com
Sent: Friday, November 03, 2006 10:29 PM
Subject: [icomr75] Re: Now hear this..

--- In icomr75@yahoogroups.com, Steve <mykonosisl@...> wrote:
>
> It was asked how much I could actually hear from the list of
> frequencies I have in my radio? The answer is,at this time,not much. ...
> It's been a struggle with a simple long wire .The one station that
> comes to mind is Offutt Air force base on 11175 with EMAs
> I haven't heard anything here in my new hometown,Bainbridge island
> Washington,that I didn't hear in my old home town.Saint simons island

> Georgia. Trans Oceanic route frequencies have been active. But I
> can't' really say I've monitored these communications clearly...
>
> Steve
>

To Steve,

And anyone else using a simple longwire. You might want to look into getting a small antenna tuner to better match your logwire antenna to your radio. Nothing big, just a small one. MFJ has a few that would do nicely for not much money.
This might help your reception. Just a thought.

WA4CM
Chris

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12343. Re: [icomr75] Re: Now hear this..

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-11-27 03:23:15 UTC
From: k.wynne
Topic: 12184 Message: 12343

I would be interested in hearing more about your series/parallel BCB tuner and how it increases your signal strengh. My experience with antenna tuners and the R-75 has seldom been an increase in signal strength. On the other hand, I got a tremendous increase in fewer images from the powerful local BCB stations, one of which was only 7 blocks away.

Although my knowledge of electronics is very limited, I think you may find that your antenna tuner does not work with the R-75 like it does with your Hammarlund Super Pro 210X. It appears to me like the R-75 uses an L-C filter in the front end and that the inductance added for each range is what the designers considered to be typically what would be needed to provide reception with a 100 - 150 foot antenna. What this has meant to me, in practical terms, is that unlike with my DX-160, which does not use an L-C filter in the front end, I can not increase my BCB signal strength with a shorter antenna by using a loading coil tapped every 10 turns with the R-75, or, for that matter with my Palstar R30C.

If you are really using a BCB antenna tuner with variable inductance, you may get very different results with the R-75 than you did with the older receiver.

I would be interested in any comments from members who have more technical knowledge than I do about the difference between an antenna tuner and an antenna pre-selector, if, indeed, there is any difference.

Thanks!

KBW

----- Original Message -----
From: Steve Bringhurst
To: icomr75@yahoogroups.com
Sent: Saturday, November 25, 2006 11:00 PM
Subject: Re: [icomr75] Re: Now hear this..

Greetings;
I'm new to this group and this radio, having just ordered a nice 2nd hand R-75 from HRO & yet to arrive. I did a lot of research & decided against the Drakes as I loathe the famously unreliable crummy Klixon type dimple button switches and the lousy tuner pulse coders they reputedly used. That pretty much left this set as the only other sensible option, there are zero reliability complaints of record AFAIK on the IC R-75 unlike many of the competition. FWIW, I've had zero issues with the buttons & coder wheel on my 18 yr old Sony ICF 2010. What's Drake's & AOR's excuse?

On to antenna tuners for reception;
I am using a specialized series/parallel BCB tuner in series with the balanced antenna input to a properly maintained Army Signal Corps Hammarlund Super Pro 210X (archtypical "industrial strength" late 1930s all-wave SuperSet) for BCB pleasure DX and the effect is nothing short of phenomenal as far as S/N improvement & sig strength goes. I have yet to try it on a modern set but will when the '75 is here.
This tuner design is commonly used as the "front end" of DX contest-class totally passive

BCB crystal sets and works equally well either series coupled or inductively coupled to the next stage & typically produces a very sharp 'Q' peak. It could theoretically easily overdrive an unattenuated solid-state front end I suppose but the improvement in S/N would be well worth the extra bother IMO. I want to put an all-band version of this tuner together to try with short wave coverage off the 100' longwire when I get the parts together.

S.B

Steve Dresser <s.dresser@...> wrote:
Bob,

You're absolutely right. Detuning them will cause the signal to be attenuated, but other than that, they have very little effect. On the other hand, introducing a pre-selector into the antenna path can keep the front end of the receiver from being overloaded by unwanted signals, but I don't think this is an issue with the R75.

Steve

On Saturday 11/4/06 12:16 Bob wrote:
>It has been my understanding that tuners are effective (and
>necessary with wire antennas) for transmitting, but do little to
>nothing for receiving. Can anyone else weigh in on this?
>
>Bob
>Bucks County, PA
>
> ----- Original Message -----
> From: w4oab
> To: icomr75@yahoogroups.com
> Sent: Friday, November 03, 2006 10:29 PM
> Subject: [icomr75] Re: Now hear this..
>
>
> --- In icomr75@yahoogroups.com, Steve <mykonosisl@...> wrote:
> >
> > It was asked how much I could actually hear from the list of
> > frequencies I have in my radio? The answer is,at this time,not much. ...
> > It's been a struggle with a simple long wire .The one station that
> > comes to mind is Offutt Air force base on 11175 with EMAs
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> > can't' really say I've monitored these communications clearly...
> >
> > Steve
> >
>
> To Steve,
>
> And anyone else using a simple longwire. You might want to look into

> getting a small antenna tuner to better match your logwire antenna to
> your radio. Nothing big, just a small one. MFJ has a few that would do
> nicely for not much money.
> This might help your reception. Just a thought.
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> WA4CM
> Chris
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>Yahoo! Groups Links
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Access over 1 million songs - Yahoo! Music Unlimited.

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12730. Re: [icomr75] MFJ-956 or MFJ-16010

Yahoo group: icomr75 (2000 — 2002)
Date: 2001-03-27 13:47:23 UTC
From: k.wynne
Topic: 12727 Message: 12730

Bucky:

If you are interested in MW or LW dx'ing, your only choice is the MFJ-956. You can read a review comparing it with the Palstart MW-550P at E-HAM.NET.

These units, including the MFJ-16010, perform the function of "filters" to screen out spurious signals and usually do not increase signal strength. If you live in an area where your local MW stations are wreaking havoc with your radios, you will find that your money has been well-spent. On the other hand, if you live a long way from powerful AM stations, you may not notice much difference with any of your radios.

An antenna pre-selector is capable of helping a portable SW receiver compete better with the front-end of a table-top.

KBW

----- Original Message -----
From: Bucky Hydal
To: icomr75@yahoogroups.com
Sent: Monday, March 26, 2007 9:12 PM
Subject: [icomr75] MFJ-956 or MFJ-16010

Hi Gang,

My wife has given me the green light to pull the trigger on an Eton E1 from Universal Radio for my upcomping birthday.

While I'm at it, I thought I'd get an antenna tuner/pre-selector, too.

However, I'm not sure whether to get the MFJ-16010 recommended by Harry Helms in his Shortwave Listenting Handbook, or the MFJ-956 I've seen mentioned quite a bit in radio forums.

Both units are passive; the MFJ-16010 can also be used for transmitting (if I ever get off a dime and get my ham ticket). The MFJ-956 is for receive only.

Whichever I get will be used on a 100-ft (30.48m) longwire strung from my R75 out the window to a garden shed. And it would also be used on the E1 and a Sony 2010, if ever I can find the one I'm looking for.

As always, your experiences, thoughts, and recommendations are appreciated.

Thanks!
Bucky

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